SAFETY DATA SHEET

K01506A07

Section 1. Identification				
Product name	: KRYLON® Industrial ACRYLI-QUIK™ Almond			
Product code	: K01506A07			
Other means of identification	: Not available.			
Product type	: Aerosol.			
Relevant identified uses of t	he substance or mixture and uses advised against			
Paint or paint related material.				
Manufacturer	: Krylon Products Group 101 Prospect Avenue NW Cleveland, OH 44115			
Emergency telephone number of the company	: US/Canada: (216) 566-2917 Mexico: CHEMTREC Mexico 01-800-681-9531. Available 24 hours and 365 days per year			
Product Information Telephone Number	: US/Canada: (800) 247-3266 Mexico: Not Available			
Regulatory Information Telephone Number	: US/Canada: (216) 566-2902 Mexico: Not Available			
Transportation Emergency Telephone Number	: US/Canada: (800) 424-9300 Mexico: SETIQ 01-800-00-214-00 / (52) 55-5559-1588 24 hours / 365 days a year			
Section 2. Hazard	s identification			
OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).			
Classification of the substance or mixture	 FLAMMABLE AEROSOLS - Category 1 GASES UNDER PRESSURE - Compressed gas SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 ASPIRATION HAZARD - Category 1 Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 17% 			

Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 17% Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 18% Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 54%

GHS label elements Hazard pictograms



Signal word

: Danger

Section 2. Hazards identification

Hazard statements	 Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. Causes skin irritation. Suspected of causing cancer. May be fatal if swallowed and enters airways. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.
Precautionary statements	
Prevention	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Use only outdoors or in a well-ventilated area. Do not breathe dust or mist. Wash hands thoroughly after handling. Pressurized container: Do not pierce or burn, even after use.
Response	: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage	 Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place.
Disposal	 Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. Please refer to the SDS for additional information. Keep out of reach of children. Keep
	upright in a cool, dry place. Do not discard empty can in trash compactor.
Hazards not otherwise classified	: DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of	: Not available.
identification	

CAS number/other identifiers

Ingredient name	% by weight	CAS number
Methyl Acetate	≥25 - ≤50	79-20-9
Methyl Ethyl Ketone	≥10 - ≤25	78-93-3
Propane	≥10 - ≤25	74-98-6
Butane	≤10	106-97-8
2-methoxy-1-methylethyl acetate	≤10	108-65-6
Titanium Dioxide	≤10	13463-67-7
Xylene, mixed isomers	≤5	1330-20-7
Cellulose Acetate Butyrate	≤3	9004-36-8
Acetone	≤3	67-64-1
Ethylbenzene	<1	100-41-4
Methyl Isobutyl Ketone	≤0.3	108-10-1

: 1/21/2019

Section 3. Composition/information on ingredients

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessa	ary first aid measures
Eye contact	 Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects	
Eye contact :	Causes serious eye irritation.
Inhalation :	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.
Skin contact :	Causes skin irritation.
Ingestion :	Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.
Over-exposure signs/sympton	<u>ns</u>
Eye contact :	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation :	Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact :	Adverse symptoms may include the following: irritation redness

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K01506A07	KRYLON® Industrial A Almond	CRYLI-QUIK™			SHW-85-NA-GHS-US	

Section 4. First aid measures

Ingestion	:	Adverse symptoms may include the following: nausea or vomiting
Indication of immediate me	<u>dica</u>	l attention and special treatment needed, if necessary
Notes to physician	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	:	No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fig	hting measures
Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: Extremely flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Date of issue/Date	of revision	: 5/22/2019	Date of previous issue	: 1/21/2019	Version : 17	4/18
K01506A07	KRYLON® Industrial ACRYLI-QUIK™ Almond				SHW-85-NA-GHS-US	

Section 6. Accidental release measures

Methods and materia	Is for containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Avoid breathing gas. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Protect from sunlight. Store locked up. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits (OSHA United States)

Ingredient name	Exposure limits		
Methyl Acetate	ACGIH TLV (United States, 3/2018). TWA: 200 ppm 8 hours. TWA: 606 mg/m ³ 8 hours. STEL: 250 ppm 15 minutes. STEL: 757 mg/m ³ 15 minutes. NIOSH REL (United States, 10/2016). TWA: 200 ppm 10 hours. TWA: 610 mg/m ³ 10 hours. STEL: 250 ppm 15 minutes. STEL: 760 mg/m ³ 15 minutes. OSHA PEL (United States, 5/2018). TWA: 200 ppm 8 hours. TWA: 610 mg/m ³ 8 hours.		
Methyl Ethyl Ketone	ACGIH TLV (United States, 3/2018). TWA: 200 ppm 8 hours.		
Date of issue/Date of revision : 5/22/2019 Date of previous issue K01506A07 KRYLON® Industrial ACRYLI-QUIK™ Almond	: 1/21/2019 Version : 17 5/18 SHW-85-NA-GHS-US		

 STEL: 305 STEL: 385 NIOSH REL TWA: 200 STEL: 385 OSHA PEL TWA: 500 STEL: 385 OSHA PEL TWA: 200 TWA: 100 TWA: 101 TWA: 101 OSHA PEL TWA: 101 TWA: 102 STEL: 651 STEL: 651 STEL: 512 STEL: 521 STEL: 521 STEL: 125 STEL: 12	
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2-methoxy-1-methylethyl acetate AIHA WEEL Titanium Dioxide ACGH TLV Titanium Dioxide ACGH TLV Kylene, mixed isomers TWA: 10 n State STEL: 651 OSHA PEL TWA: 100 TWA: 100 TWA: 434 STEL: 651 OSHA PEL TWA: 100 TWA: 435 Cellulose Acetate Butyrate None. Acetone ACGH TLV TWA: 250 STEL: 500 NIOSH REL TWA: 250 STEL: 500 STEL: 500 NIOSH REL TWA: 250 TWA: 250 STEL: 500 STEL: 500 NIOSH REL TWA: 200 p NIOSH REL TWA: 435 STEL: 545 OSHA PEL TWA: 435 VMA: 435 STEL: 545 OSHA PEL TWA: 435 VMA: 435 STEL: 545	00 ppm 15 minutes.
Titanium Dioxide TWA: 50 p ACGH TLV TWA: 10 n Stylene, mixed isomers ACGH TLV Kylene, mixed isomers ACGH TLV TWA: 100 TWA: 434 STEL: 651 OSHA PEL TWA: 100 TWA: 434 STEL: 651 OSHA PEL TWA: 100 TWA: 434 STEL: 651 OSHA PEL TWA: 100 TWA: 250 STEL: 500 NIOSH REL TWA: 250 TWA: 250 STEL: 500 STEL: 500 NIOSH REL TWA: 250 TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 545 OSHA PEL TWA: 435 STEL: 545 OSHA PEL TWA: 435 Vethyl Isobutyl Ketone ACGIH TLV	L (United States, 7/2018).
Titanium DioxideACGIH TLV TWA: 10 n OSHA PEL TWA: 15 n ACGIH TLV TWA: 100 TWA: 434 STEL: 650 STEL: 651Xylene, mixed isomersACGIH TLV TWA: 100 TWA: 434 STEL: 650 STEL: 650 STEL: 650Cellulose Acetate Butyrate AcetoneNone. ACGIH TLV TWA: 250 STEL: 500 NIOSH REL TWA: 250 TWA: 200 TWA: 250 TWA: 200 TWA: 20	
Xylene, mixed isomersTWA: 10 n OSHA PEL TWA: 15 n ACGIH TLV TWA: 100 TWA: 434 STEL: 150 STEL: 651 OSHA PEL TWA: 100 TWA: 435 None.Cellulose Acetate ButyrateNone. ACGIH TLV TWA: 250 STEL: 500 NIOSH REL TWA: 250 OSHA PEL TWA: 250 STEL: 500 NIOSH REL TWA: 2400 TWA: 2400 TWA: 2400 TWA: 2400 TWA: 100 TWA: 100 TWA: 435 STEL: 525 STEL: 525 	V (United States, 3/2018).
Xylene, mixed isomers	
Xylene, mixed isomersTWA: 15 nACGIH TLV TWA: 434 STEL: 150 STEL: 651TWA: 434 	. (United States, 5/2018).
Xylene, mixed isomersACGIH TLV TWA: 100 TWA: 434 STEL: 651 OSHA PEL TWA: 100 TWA: 435 None.Cellulose Acetate Butyrate AcetoneNone. ACGIH TLV TWA: 250 STEL: 500 NIOSH REL TWA: 250 TWA: 250 TWA: 250 TWA: 250 TWA: 200 PNIOSH REL TWA: 100 TWA: 200 FIL: 512 STEL: 525 STEL: 525 STEL: 525 STEL: 545 OSHA PEL TWA: 100 TWA: 435EthylbenzeneACGIH TLV TWA: 100 TWA: 200 TWA: 200 TWA: 200 TWA: 100 TWA: 100 TWA: 435Methyl Isobutyl KetoneACGIH TLV	mg/m ³ 8 hours. Form: Total dust
TWA: 100TWA: 434STEL: 150STEL: 651OSHA PELTWA: 435None.Acetone <td< td=""><td></td></td<>	
TWA: 434 STEL: 150 STEL: 651OSHA PEL TWA: 100 TWA: 435Cellulose Acetate ButyrateAcetoneTWA: 200NiOSH RelTWA: 100TWA: 100TWA: 100TWA: 100TWA: 435Methyl Isobutyl KetoneAcetoneAcetoneAcetoneAcetoneAcetoneAcetoneAcetoneAcetone	V (United States, 3/2018).
STEL: 150 STEL: 651OSHA PEL TWA: 100 TWA: 435Cellulose Acetate ButyrateAcetoneAcetoneACGIH TLV TWA: 250 STEL: 500NIOSH REL TWA: 250 TWA: 590OSHA PEL TWA: 250 TWA: 2400EthylbenzeneAcGIH TLV TWA: 20 p NIOSH REL TWA: 20 p NIOSH REL TWA: 435 STEL: 125 STEL: 545Methyl Isobutyl KetoneAcGIH TLV TWA: 435	••
STEL: 651OSHA PELTWA: 100TWA: 435None.AcetoneACGIH TLVTWA: 250STEL: 500NIOSH RELTWA: 250STEL: 500NIOSH RELTWA: 250TWA: 250SHA PELTWA: 100TWA: 100TWA: 100TWA: 100TWA: 100TWA: 435Methyl Isobutyl KetoneACGIH TLV	l mg/m ³ 8 hours.
OSHA PEL TWA: 100 TWA: 435Cellulose Acetate ButyrateNone.AcetoneACGIH TLV TWA: 250 STEL: 500NIOSH REL TWA: 250 TWA: 590EthylbenzeneACGIH TLV TWA: 2400 TWA: 2400EthylbenzeneACGIH TLV TWA: 100 TWA: 435 STEL: 125 STEL: 125 STEL: 545Methyl Isobutyl KetoneACGIH TLV	0 ppm 15 minutes.
Cellulose Acetate Butyrate Acetone Acetone Ethylbenzene Ethyl Isobutyl Ketone TWA: 100 TWA: 435 None. ACGIH TLV TWA: 250 STEL: 500 NIOSH REL TWA: 250 TWA: 590 OSHA PEL TWA: 100 TWA: 2400 ACGIH TLV TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435	1 mg/m ³ 15 minutes.
Cellulose Acetate Butyrate Acetone TWA: 435 None. ACGIH TLV TWA: 250 STEL: 500 NIOSH REL TWA: 250 TWA: 590 OSHA PEL TWA: 100 TWA: 2400 ACGIH TLV TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL	. (United States, 5/2018).
Cellulose Acetate Butyrate AcetoneNone. ACGIH TLV TWA: 250 STEL: 500 NIOSH REL TWA: 590 OSHA PEL TWA: 1000 TWA: 2400EthylbenzeneACGIH TLV TWA: 20 p NIOSH REL TWA: 20 p NIOSH REL TWA: 1000 TWA: 435 STEL: 545 OSHA PEL TWA: 100 TWA: 435Methyl Isobutyl KetoneACGIH TLV	
Acetone ACGIH TLV TWA: 250 STEL: 500 NIOSH REL TWA: 250 TWA: 590 OSHA PEL TWA: 100 TWA: 2400 ACGIH TLV TWA: 20 p NIOSH REL TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435 NIOSH REL TWA: 100 TWA: 435 STEL: 545 OSHA PEL TWA: 100 TWA: 435 STEL: 545 STEL: 545 STEL	5 mg/m³ 8 hours.
TWA: 250 STEL: 500 NIOSH REL TWA: 250 TWA: 590 OSHA PEL TWA: 1000 TWA: 2400EthylbenzeneACGIH TLV TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435Methyl Isobutyl KetoneACGIH TLV	
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Ethylbenzene STEL: 500 NIOSH REL TWA: 250 OSHA PEL TWA: 100 TWA: 2400 ACGIH TLV TWA: 20 p NIOSH REL TWA: 100 TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435 Methyl Isobutyl Ketone ACGIH TLV) ppm 8 hours.
NIOSH REL TWA: 250 TWA: 590SHA PEL TWA: 1000 TWA: 2400EthylbenzeneACGIH TLV TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 125 STEL: 545Methyl Isobutyl KetoneACGIH TLV ACGIH TLV	0 ppm 15 minutes.
TWA: 250 TWA: 590 OSHA PEL TWA: 1000 TWA: 2400 TWA: 20 p NIOSH REL TWA: 100 TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435 STEL: 545 OSHA PEL TWA: 100 TWA: 435 STEL: 545 OSHA PEL TWA: 435 Methyl Isobutyl Ketone ACGIH TLV	L (United States, 10/2016).
Ethylbenzene TWA: 590 OSHA PEL TWA: 100 TWA: 2400 ACGIH TLV TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435) ppm 10 hours.
Ethylbenzene OSHA PEL TWA: 1000 TWA: 2400 ACGIH TLV TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435 Wethyl Isobutyl Ketone ACGIH TLV) mg/m ³ 10 hours.
Ethylbenzene TWA: 1000 TWA: 2400 ACGIH TLV TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435	. (United States, 5/2018).
EthylbenzeneTWA: 2400ACGIH TLVTWA: 20 pNIOSH RELTWA: 100TWA: 435STEL: 125STEL: 545OSHA PELTWA: 100TWA: 100TWA: 100TWA: 100TWA: 435ACGIH TLV	00 ppm 8 hours.
EthylbenzeneACGIH TLV TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435Methyl Isobutyl KetoneACGIH TLV	00 mg/m ³ 8 hours.
TWA: 20 p NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435 Methyl Isobutyl Ketone ACGIH TLV	•
NIOSH REL TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 100 TWA: 435 STEL: 545 OSHA PEL TWA: 435 Methyl Isobutyl Ketone ACGIH TLV	V (United States, 3/2018).
TWA: 100 TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 100 TWA: 435 ACGIH TLV	
TWA: 435 STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435 Methyl Isobutyl Ketone ACGIH TLV	L (United States, 10/2016).
Methyl Isobutyl Ketone STEL: 125 STEL: 545 OSHA PEL TWA: 100 TWA: 435 ACGIH TLV) ppm 10 hours.
Methyl Isobutyl Ketone STEL: 545 OSHA PEL TWA: 100 TWA: 435 ACGIH TLV	mg/m ³ 10 hours.
Methyl Isobutyl Ketone OSHA PEL TWA: 100 TWA: 435 ACGIH TLV	5 ppm 15 minutes.
TWA: 100 TWA: 435 Methyl Isobutyl Ketone ACGIH TLV	5 mg/m ³ 15 minutes.
TWA: 435 Methyl Isobutyl Ketone ACGIH TLV	. (United States, 5/2018).
Methyl Isobutyl Ketone ACGIH TLV) ppm 8 hours.
	5 mg/m³ 8 hours.
	V (United States, 3/2018).
	ppm 8 hours.
	ppm 15 minutes.

K01506A07 KRYLON® Industrial ACRYLI-QUIK™ Almond

NIOSH REL (United States, 10/2016).
TWA: 50 ppm 10 hours.
TWA: 205 mg/m ³ 10 hours.
STEL: 75 ppm 15 minutes.
STEL: 300 mg/m ³ 15 minutes.
OSHA PEL (United States, 5/2018).
TWA: 100 ppm 8 hours.
TWA: 410 mg/m ³ 8 hours.
-

Occupational exposure limits (Canada)

Almond

CA Alberta Provincial (Canada, 6/2018).
 8 hrs OEL: 606 mg/m³ 8 hours. 15 min OEL: 757 mg/m³ 15 minutes. 15 min OEL: 250 ppm 15 minutes. 8 hrs OEL: 200 ppm 8 hours. CA British Columbia Provincial (Canada, 7/2018). TWA: 200 ppm 8 hours. STEL: 250 ppm 15 minutes. CA Ontario Provincial (Canada, 1/2018). TWA: 200 ppm 8 hours. STEL: 250 ppm 15 minutes. CA Quebec Provincial (Canada, 1/2014). TWAEV: 200 ppm 8 hours. STEV: 250 ppm 15 minutes. STEV: 250 ppm 15 minutes. STEV: 250 ppm 15 minutes. STEV: 757 mg/m³ 15 minutes. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 250 ppm 15 minutes.
 TWA: 200 ppm 8 hours. CA Alberta Provincial (Canada, 6/2018). 15 min OEL: 300 ppm 15 minutes. 8 hrs OEL: 200 ppm 8 hours. 8 hrs OEL: 590 mg/m³ 8 hours. 15 min OEL: 885 mg/m³ 15 minutes. CA British Columbia Provincial (Canada, 7/2018). TWA: 50 ppm 8 hours. STEL: 100 ppm 15 minutes. CA Ontario Provincial (Canada, 1/2018). TWA: 200 ppm 8 hours. STEL: 300 ppm 15 minutes. CA Quebec Provincial (Canada, 1/2014). TWAEV: 50 ppm 8 hours. STEV: 100 ppm 15 minutes. STEV: 100 ppm 15 minutes. STEV: 100 ppm 15 minutes. STEV: 300 mg/m³ 15 minutes. CA Saskatchewan Provincial (Canada, 7/2013).
 STEL: 300 ppm 15 minutes. TWA: 200 ppm 8 hours. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 1000 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014). TWAEV: 1000 ppm 8 hours. TWAEV: 1800 mg/m³ 8 hours. CA Ontario Provincial (Canada, 1/2018). TWA: 1000 ppm 8 hours.

I					
Butane			7/2013). STEL: 1250 pp TWA: 1000 pp CA British Colu 7/2018). Oxyge CA Alberta Pro 8 hrs OEL: 100 CA Quebec Pro TWAEV: 800 p TWAEV: 1900 CA Ontario Pro	m 8 hours. umbia Provincial (Canacon n Depletion [Asphyxian vincial (Canada, 6/2018) 00 ppm 8 hours. povincial (Canada, 1/2014) ppm 8 hours. mg/m ³ 8 hours. povincial (Canada, 1/2018)	da, t].). !).
Titanium dioxide			7/2013). STEL: 1250 pp TWA: 1000 pp CA British Colu 7/2018). STEL: 1000 pp	van Provincial (Canada, om 15 minutes. m 8 hours. umbia Provincial (Canac	Ja,
			7/2018). TWA: 3 mg/m ³ dust TWA: 10 mg/m CA Quebec Pro TWAEV: 10 m CA Alberta Pro 8 hrs OEL: 10 CA Ontario Pro TWA: 10 mg/m CA Saskatchev 7/2013). STEL: 20 mg/m TWA: 10 mg/m	⁸ 8 hours. Form: Respirab ⁹ 8 hours. Form: Total du ovincial (Canada, 1/2014 g/m ³ 8 hours. Form: Tota vincial (Canada, 6/2018) mg/m ³ 8 hours. ovincial (Canada, 1/2018 ¹³ 8 hours. van Provincial (Canada, n ³ 15 minutes. n ³ 8 hours.	ile ust I). I dust.).
Xylene			8 hrs OEL: 100 15 min OEL: 6 15 min OEL: 1 8 hrs OEL: 434 CA British Colu 7/2018). TWA: 100 ppr STEL: 150 ppr CA Quebec Pro TWAEV: 100 p TWAEV: 434 r STEV: 150 ppr STEV: 651 mg CA Ontario Pro STEL: 150 ppr TWA: 100 ppr CA Saskatchev 7/2013). STEL: 150 ppr	51 mg/m ³ 15 minutes. 50 ppm 15 minutes. 4 mg/m ³ 8 hours. Jumbia Provincial (Canac n 8 hours. n 15 minutes. Dvincial (Canada, 1/2014 ppm 8 hours. ng/m ³ 8 hours. m 15 minutes. /m ³ 15 minutes. Dvincial (Canada, 1/2018 n 15 minutes. n 8 hours. van Provincial (Canada,	da, I).).
Acetone			TWA: 100 ppm CA Alberta Pro 8 hrs OEL: 120 15 min OEL: 1 8 hrs OEL: 500	n 8 hours. vincial (Canada, 6/2018) 00 mg/m³ 8 hours. 800 mg/m³ 15 minutes.).
Date of issue/Date of revision	: 5/22/2019	Date of previous issue	: 1/21/2019	Version : 17	8/18

	CA British Columbia Provincial (Canada,
	7/2018).
	TWA: 250 ppm 8 hours.
	STEL: 500 ppm 15 minutes.
	CA Ontario Provincial (Canada, 1/2018).
	TWA: 250 ppm 8 hours.
	STEL: 500 ppm 15 minutes.
	CA Quebec Provincial (Canada, 1/2014).
	TWAEV: 500 ppm 8 hours.
	TWAEV: 1190 mg/m ³ 8 hours.
	STEV: 1000 ppm 15 minutes.
	STEV: 2380 mg/m ³ 15 minutes.
	CA Saskatchewan Provincial (Canada,
	7/2013).
	STEL: 750 ppm 15 minutes.
	TWA: 500 ppm 8 hours.
Ethylbenzene	CA Alberta Provincial (Canada, 6/2018).
	8 hrs OEL: 100 ppm 8 hours.
	8 hrs OEL: 434 mg/m ³ 8 hours.
	15 min OEL: 543 mg/m ³ 15 minutes.
	15 min OEL: 125 ppm 15 minutes.
	CA British Columbia Provincial (Canada,
	7/2018).
	TWA: 20 ppm 8 hours.
	CA Ontario Provincial (Canada, 1/2018).
	TWA: 20 ppm 8 hours.
	CA Quebec Provincial (Canada, 1/2014).
	TWAEV: 100 ppm 8 hours.
	TWAEV: 434 mg/m ³ 8 hours.
	STEV: 125 ppm 15 minutes.
	STEV: 543 mg/m ³ 15 minutes.
	CA Saskatchewan Provincial (Canada,
	7/2013).
	STEL: 125 ppm 15 minutes.
	TWA: 100 ppm 8 hours.
Methyl isobutyl ketone	CA Alberta Provincial (Canada, 6/2018).
	8 hrs OEL: 205 mg/m ³ 8 hours.
	8 hrs OEL: 50 ppm 8 hours.
	15 min OEL: 75 ppm 15 minutes.
	15 min OEL: 307 mg/m ³ 15 minutes.
	CA British Columbia Provincial (Canada,
	7/2018).
	TWA: 20 ppm 8 hours.
	STEL: 75 ppm 15 minutes.
	CA Ontario Provincial (Canada, 1/2018).
	TWA: 20 ppm 8 hours.
	STEL: 75 ppm 15 minutes.
	CA Quebec Provincial (Canada, 1/2014).
	TWAEV: 50 ppm 8 hours.
	TWAEV: 205 mg/m ³ 8 hours.
	STEV: 75 ppm 15 minutes.
	STEV: 307 mg/m ³ 15 minutes.
	CA Saskatchewan Provincial (Canada, 7/2013).
	STEL: 75 ppm 15 minutes. TWA: 50 ppm 8 hours.

Occupational exposure limits (Mexico)

Ingredient name	Exposure limits		
Methyl Acetate	NOM-010-STPS-2014 (Mexico, 4/2016).		
	TWA: 200 ppm 8 hours.		
	STEL: 250 ppm 15 minutes.		
Methyl Ethyl Ketone	NOM-010-STPS-2014 (Mexico, 4/2016).		
	TWA: 200 ppm 8 hours.		
	STEL: 300 ppm 15 minutes.		
Propane	NOM-010-STPS-2014 (Mexico, 4/2016).		
	TWA: 1000 ppm 8 hours.		
Butane	NOM-010-STPS-2014 (Mexico, 4/2016).		
	TWA: 1000 ppm 8 hours.		
Xylene, mixed isomers	NOM-010-STPS-2014 (Mexico, 4/2016).		
	STEL: 150 ppm 15 minutes.		
	TWA: 100 ppm 8 hours.		
Acetone	NOM-010-STPS-2014 (Mexico, 4/2016).		
	TWA: 500 ppm 8 hours.		
	STEL: 750 ppm 15 minutes.		
Ethylbenzene	NOM-010-STPS-2014 (Mexico, 4/2016).		
	TWA: 20 ppm 8 hours.		

Appropriate engineering : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any controls recommended or statutory limits. The engineering controls also need to keep gas. vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Environmental exposure Emissions from ventilation or work process equipment should be checked to ensure controls they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Individual protection measures **Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. : Safety eyewear complying with an approved standard should be used when a risk **Eye/face protection** assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. Skin protection Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. : Personal protective equipment for the body should be selected based on the task being **Body protection** performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Appropriate footwear and any additional skin protection measures should be selected Other skin protection based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Date of issue/Date	of revision	: 5/22/2019	Date of previous issue	: 1/21/2019	Version : 17	10/18
K01506A07	KRYLON® Industrial A Almond	.CRYLI-QUIK™			SHW-85-NA-GHS-U	JS

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance	
Physical state	: Liquid.
Color	: Not available.
Odor	: Not available.
Odor threshold	: Not available.
рН	: Not available.
Melting point/freezing point	: Not available.
Boiling point/boiling range	: Not available.
Flash point	: Closed cup: -29°C (-20.2°F) [Pensky-Martens Closed Cup]
Evaporation rate	: 5.6 (butyl acetate = 1)
Flammability (solid, gas)	: Not available.
Lower and upper explosive	: Lower: 1%
(flammable) limits	Upper: 16%
Vapor pressure	: 101.3 kPa (760 mm Hg) [at 20°C]
Vapor density	: 1.55 [Air = 1]
Relative density	: 0.79
Solubility	: Not available.
Partition coefficient: n-	: Not available.
octanol/water	• N = 6 1 = 6 = -
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Kinematic (40°C (104°F)): <0.205 cm²/s (<20.5 cSt)
Molecular weight	: Not applicable.
Aerosol product	
Type of aerosol	: Spray
Heat of combustion	: 33.369 kJ/g

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame).
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Information on toxicological effects Acute toxicity

Product/ingredient name Result **Species** Dose **Exposure** Methyl Acetate LD50 Dermal Rabbit >5 g/kg LD50 Oral >5 g/kg Rat Methyl Ethyl Ketone LD50 Dermal 6480 mg/kg Rabbit LD50 Oral 2737 mg/kg Rat 658000 mg/m³ Butane LC50 Inhalation Vapor 4 hours Rat 2-methoxy-1-methylethyl LD50 Dermal Rabbit >5 g/kg acetate LD50 Oral Rat 8532 mg/kg Xylene, mixed isomers LC50 Inhalation Gas. Rat 5000 ppm 4 hours LD50 Oral Rat 4300 mg/kg LD50 Oral Rat 5800 mg/kg Acetone Ethylbenzene LD50 Dermal Rabbit >5000 mg/kg LD50 Oral 3500 mg/kg Rat LD50 Oral 2080 mg/kg Methyl Isobutyl Ketone Rat

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Methyl Acetate	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
				milligrams	Ì
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				milligrams	
	Skin - Moderate irritant	Rabbit	-	24 hours 20	_
				milligrams	
Methyl Ethyl Ketone	Skin - Mild irritant	Rabbit	-	24 hours 14	-
				milligrams	
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				milligrams	
Titanium Dioxide	Skin - Mild irritant	Human	-	72 hours 300	_
				Micrograms	
				Intermittent	
Xylene, mixed isomers	Eyes - Mild irritant	Rabbit	-	87 milligrams	_
,	Eyes - Severe irritant	Rabbit	-	24 hours 5	_
				milligrams	
	Skin - Mild irritant	Rat	-	8 hours 60	_
				microliters	
	Skin - Moderate irritant	Rabbit	-	24 hours 500	_
		1 tabbit		milligrams	
	Skin - Moderate irritant	Rabbit	-	100 Percent	_
Acetone	Eyes - Mild irritant	Human	-	186300 parts	_
				per million	
	Eyes - Mild irritant	Rabbit	-	10 microliters	_
	Eyes - Moderate irritant	Rabbit	-	24 hours 20	_
		1 tabbit		milligrams	
	Eyes - Severe irritant	Rabbit	-	20 milligrams	_
	Skin - Mild irritant	Rabbit	-	24 hours 500	_
		1 tabbit		milligrams	
	Skin - Mild irritant	Rabbit	-	395	_
		1 (abbit		milligrams	
Ethylbenzene	Eyes - Severe irritant	Rabbit	-	500	
Ethylbenzene		Rabbit		milligrams	
	Skin - Mild irritant	Rabbit	_	24 hours 15	
				milligrams	
Methyl Isobutyl Ketone	Eyes - Moderate irritant	Rabbit	_	24 hours 100	-
				microliters	
	Eyes - Severe irritant	Rabbit	_	40 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
		T CODIL	_	milligrams	
				Inningrams	

Date of previous issue

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-
Xylene, mixed isomers	-	3	-
Ethylbenzene	-	2B	-
Methyl Isobutyl Ketone	-	2B	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Methyl Acetate Methyl Ethyl Ketone	Category 3 Category 3	Not applicable. Not applicable.	Narcotic effects Respiratory tract irritation and Narcotic effects
Propane	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
Butane	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
2-methoxy-1-methylethyl acetate	Category 3	Not applicable.	Narcotic effects
Xylene, mixed isomers	Category 3	Not applicable.	Respiratory tract irritation
Acetone	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
Ethylbenzene	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
Methyl Isobutyl Ketone	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects

Specific target organ toxicity (repeated exposure)

Name		Route of exposure	Target organs
Methyl Ethyl Ketone	Category 2	Not determined	Not determined
Propane	Category 2	Not determined	Not determined
Butane	Category 2	Not determined	Not determined
Xylene, mixed isomers	Category 2	Not determined	Not determined
Acetone	Category 2	Not determined	Not determined
Ethylbenzene	Category 2	Not determined	Not determined
Methyl Isobutyl Ketone	Category 2	Not determined	Not determined

Aspiration hazard

Date of issue/D	ate of revision
K01506A07	KRYLON® I
	Almond

Date of previous issue

: 1/21/2019

Name	Result
Propane	ASPIRATION HAZARD - Category 1
Butane	ASPIRATION HAZARD - Category 1
Xylene, mixed isomers	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure	:	Not available.
Potential acute health effe	cts	
Eye contact	- :	Causes serious eye irritation.
Inhalation	:	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.
Skin contact	1	Causes skin irritation.
Ingestion	:	Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.
Symptoms related to the p	<u>ohy</u>	sical, chemical and toxicological characteristics
Eye contact	:	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	:	Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	:	Adverse symptoms may include the following: irritation redness
Ingestion	:	Adverse symptoms may include the following: nausea or vomiting
Delayed and immediate ef	fec	ts and also chronic effects from short and long term exposure
Short term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Long term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	1	Not available.
Potential chronic health e	ffec	e <u>ts</u>
Not available.		
General	:	May cause damage to organs through prolonged or repeated exposure.
Carcinogenicity	:	Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	:	No known significant effects or critical hazards.
Teratogenicity	:	No known significant effects or critical hazards.
Developmental effects	1	No known significant effects or critical hazards.
Fertility effects	- :	No known significant effects or critical hazards.

Date of issue/Date	of revision	: 5/22/2019	Date of previous issue	: 1/21/2019	Version : 17	14/18
K01506A07	KRYLON® Industrial A	ACRYLI-QUIK™			SHW-85-NA-GHS-	us

Numerical measures of toxicity

Acute	toxicity	<u> v estimates</u>

Route	ATE value	
Oral	10711.4 mg/kg	
Dermal	28775.1 mg/kg	
Inhalation (gases)	73361.4 ppm	

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Methyl Acetate	Acute LC50 320000 µg/l Fresh water	Fish - Pimephales promelas	96 hours 🥄
Methyl Ethyl Ketone	Acute EC50 >500000 µg/l Marine water	Algae - Skeletonema costatum	96 hours
	Acute EC50 5091000 µg/l Fresh water	Daphnia - Daphnia magna - Larvae	48 hours
	Acute LC50 3220000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Titanium Dioxide	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours
Xylene, mixed isomers	Acute LC50 8500 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Acetone	Acute EC50 7200000 µg/l Fresh water	Algae - Selenastrum sp.	96 hours
	Acute LC50 6000000 µg/l Fresh water	Crustaceans - Gammarus pulex	48 hours
	Acute LC50 6900 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 5600 ppm Fresh water	Fish - Poecilia reticulata	96 hours
	Chronic NOEC 4.95 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Chronic NOEC 0.016 ml/L Fresh water	Crustaceans - Daphniidae	21 days
	Chronic NOEC 0.1 ml/L Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 0.1 mg/l Fresh water	Fish - Fundulus heteroclitus	4 weeks
Ethylbenzene	Acute EC50 4600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 3600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 6.53 mg/I Marine water	Crustaceans - Artemia sp Nauplii	48 hours
	Acute EC50 2.93 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 4200 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Methyl Isobutyl Ketone	Acute LC50 505000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
,,	Chronic NOEC 78 mg/l Fresh water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 168 mg/l Fresh water	Fish - Pimephales promelas - Embryo	33 days

Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Methyl Ethyl Ketone	-	-	Readily
Xylene, mixed isomers	-	-	Readily
Acetone	-	-	Readily
Ethylbenzene	-	-	Readily
Methyl Isobutyl Ketone	-	-	Readily

Bioaccumulative potential

Product/ing	gredient name	LogPow		BCF	Potent	ial	
Xylene, mixed isomers		-		8.1 to 25.9	low	low	
Date of issue/L	Date of revision	: 5/22/2019	Date of previous is	sue : 1/21/2	019 Versi	on :17	15/18
K01506A07	KRYLON® Indus Almond	strial ACRYLI-QUIK™	n		SHW	-85-NA-GHS-US	

<u>Mobility in soil</u>	
Soil/water partition	: Not available.
coefficient (Koc)	

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN1950	UN1950	UN1950	UN1950	UN1950
UN proper shipping name	AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS, flammable	AEROSOLS
Transport hazard class(es)	2.1	2.1	2.1	2.1	2.1
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2. 13-2.17 (Class 2).	-	_	Emergency schedules F-D, S- U
	ERG No.	ERG No.	ERG No.		
	126	126	126		

Special precautions for user : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Date of issue/Date	of revision	: 5/22/2019	Date of previous issue	: 1/21/2019
K01506A07	KRYLON® Industrial A Almond	.CRYLI-QUIK™		

Section 14. Transport information

Transport in bulk according : Not available. to Annex II of MARPOL and the IBC Code

Proper shipping name

Ship type

: Not available. : Not available.

Pollution category

: Not available.

Section 15. Regulatory information

SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

California Prop. 65

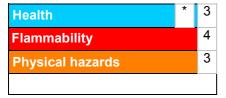
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

International regulations

International lists	: Australia inventory (AICS): Not determined.
	China inventory (IECSC): Not determined.
	Japan inventory (ENCS): Not determined.
	Japan inventory (ISHL): Not determined.
	Korea inventory (KECI): Not determined.
	Malaysia Inventory (EHS Register): Not determined.
	New Zealand Inventory of Chemicals (NZIoC): Not determined.
	Philippines inventory (PICCS): Not determined.
	Taiwan Chemical Substances Inventory (TCSI): Not determined.
	Thailand inventory: Not determined.
	Turkey inventory: Not determined.
	Vietnam inventory: Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

Procedure used to derive the classification

Classification	Justification
FLAMMABLE AEROSOLS - Category 1	On basis of test data
GASES UNDER PRESSURE - Compressed gas	Calculation method
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	Calculation method
CARCINOGENICITY - Category 2	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method
SPEČIFÍC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 ASPIRATION HAZARD - Category 1	Calculation method Calculation method

History

Date of issue/Date	of revision	: 5/22/2019	Date of previous issue	: 1/21/2019	Version	:17	17/18
K01506A07	KRYLON® Industrial A0 Almond	CRYLI-QUIK™			SHW-85-I	NA-GHS-US	

Section 16. Other information

Date of printing	: 5/22/2019
Date of issue/Date of revision	: 5/22/2019
Date of previous issue	: 1/21/2019
Version	: 17
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations

Indicates information that has changed from previously issued version.

Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.