

QHA500_A0

Safety Data Sheet INTERZINC 22 GREY GREEN PART A

Sales
Order: {SalesOrd}
QHA500
04/05/2016
A0-3

Bulk Sales Reference No.:
SDS Revision Date:
SDS Revision Number:



1. Identification of the preparation and company

1.1. Product identifier

Product Identity INTERZINC 22 GREY GREEN PART A
Bulk Sales Reference No. QHA500

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended Use See Technical Data Sheet.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name International Paint LLC
6001 Antoine Drive
Houston Texas 77091

Emergency
CHEMTREC (USA) (800) 424-9300
International Paint (713) 682-1711
Poison Control Center (800) 854-6813
Customer Service
International Paint (800) 589-1267
Fax No. (800) 631-7481

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Flam. Liq. 2;H225 Highly Flammable liquid and vapor.
Acute Tox. 5;H303 May be harmful if swallowed.
Acute Tox. 4;H312 Harmful in contact with skin.
Acute Tox. 4;H332 Harmful if inhaled.
Skin Irrit. 2;H315 Causes skin irritation.
Eye Irrit. 2;H319 Causes serious eye irritation.
Repr. 1B;H360D May damage the unborn child.
Aquatic Acute 3;H402 Harmful to aquatic life.

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.



Danger.

H225 Highly flammable liquid and vapor.
H303 May be harmful if swallowed.
H312 Harmful in contact with skin.

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H360 May damage fertility or the unborn child.
 H402 Harmful to aquatic life.

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
 P235 Keep cool.
 P240 Ground / bond container and receiving equipment.
 P241 Use explosion-proof electrical / ventilating / light / equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
 P271 Use only outdoors or in a well-ventilated area.
 P273 Avoid release to the environment.
 P280 Wear protective gloves / eye protection / face protection.
 P302+352 IF ON SKIN: Wash with soap and water.
 P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
 P308+313 IF exposed or concerned: Get medical advice/attention.
 P312 Call a POISON CENTER or doctor / physician if you feel unwell.
 P337 If eye irritation persists:.
 P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P362 Take off contaminated clothing and wash before reuse.
 P363 Wash contaminated clothing before reuse.
 P370 In case of fire: Use water spray, fog, or regular foam..
 P403+233 Store in a well ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P501 Dispose of contents / container in accordance with local / national regulations.

HMIS Rating Health: 2* Flammability: 3 Reactivity: 0

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Silicic acid, ethyl ester CAS Number: 0011099-06-2	25 - 50	----	[1]
Propylene glycol monomethyl ether CAS Number: 0000107-98-2	10 - 25	Flam. Liq. 3;H226 STOT SE 3;H336	[1][2]
Kaolin CAS Number: 0001332-58-7	10 - 25	----	[1][2]
2-Butoxyethanol CAS Number: 0000111-76-2	10 - 25	Acute Tox. 4;H332 Acute Tox. 4;H312 Acute Tox. 4;H302 Eye Irrit. 2;H319 Skin Irrit. 2;H315	[1][2]
Xylenes (o-, m-, p- isomers) CAS Number: 0001330-20-7	1.0 - 10	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335	[1][2]

		Asp. Tox. 1;H304	
Ethyl silicate CAS Number: 0000078-10-4	1.0 - 10	Flam. Liq. 3;H226 Acute Tox. 4;H332 Eye Irrit. 2;H319 STOT SE 3;H335	[1][2]
Mica CAS Number: 0012001-26-2	1.0 - 10	----	[1][2]
Benzene, ethyl- CAS Number: 0000100-41-4	1.0 - 10	Flam. Liq. 2;H225 Acute Tox. 4;H332 Asp. Tox. 1;H304 Eye Irrit. 2;H319 Skin Irrit. 2;H315 STOT SE 3;H335 STOT RE 2;H373	[1][2]
Butanol CAS Number: 0000071-36-3	1.0 - 10	Flam. Liq. 3;H226 Acute Tox. 4;H302 STOT SE 3;H335 Skin Irrit. 2;H315 Eye Dam. 1;H318 STOT SE 3;H336	[1][2]
Hydrochloric acid CAS Number: 0007647-01-0	0.10 - 1.0	Press. Gas;H280 Acute Tox. 3;H331 Skin Corr. 1A;H314	[1][2]
2-Methoxy-1-propanol CAS Number: 0001589-47-5	0.10 - 1.0	Flam. Liq. 3;H226 Repr. 1B;H360D STOT SE 3;H335 Skin Irrit. 2;H315 Eye Dam. 1;H318	[1]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General	Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.
Ingestion	If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Overview	NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing.
Inhalation	Harmful if inhaled. May cause allergic respiratory reaction. May cause mucous membrane and respiratory tract irritation, tightness of chest, headache, shortness of breath and dry cough. May cause asthma-like symptoms to occur. Vapors may affect the brain or nervous system causing dizziness, headache or nausea.
Eyes	Causes severe eye irritation. Avoid contact with eyes.
Skin	Causes skin irritation. May be harmful if absorbed through the skin.
Ingestion	Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness.
Chronic effects	Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 2 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.

5. Fire-fighting measures

5.1. Extinguishing media

CAUTION: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient. SMALL FIRES: Use dry chemical, CO₂, water spray or alcohol-resistant foam. LARGE FIRES: Use water spray, fog, or alcohol-resistant foam. Do not use straight streams. Move containers from fire area if you can do so without risk. Runoff from fire control may cause pollution. Dike fire control water for later disposal. Do not scatter the material.

5.2. Special hazards arising from the substance or mixture

FLAMMABLE/COMBUSTIBLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

ERG Guide No. 127

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.

6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

6.3. Methods and material for containment and cleaning up

CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet).

7. Handling and storage

7.1. Precautions for safe handling

Handling

Vapors may cause flash fire or ignite explosively.

In Storage

Keep away from heat, sparks and flame.

7.2. Conditions for safe storage, including any incompatibilities

Store between 40-100F (4-38C).

Do not get in eyes, on skin or clothing.

Strong oxidizing agents.

Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone.

7.3. Specific end use(s)

Close container after each use.

Wash thoroughly after handling.

Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

QHA500_A0

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	OSHA	100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling
		ACGIH	20 ppm TWA
		NIOSH	50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL)
		Supplier	
		OHSA, CAN	20 ppm TWA
		Mexico	
		Brazil	40 ppm TWA LT; 115 mg/m3 TWA LT
0000078-10-4	Ethyl silicate	OSHA	100 ppm TWA; 850 mg/m3 TWA
		ACGIH	10 ppm TWA
		NIOSH	10 ppm TWA; 85 mg/m3 TWA700 ppm IDLH
		Supplier	
		OHSA, CAN	10 ppm TWA
		Mexico	10 ppm TWA LMPE-PPT; 85 mg/m3 TWA LMPE-PPT30 ppm STEL [LMPE-CT]; 255 mg/m3 STEL [LMPE-CT]
		Brazil	
0000100-41-4	Benzene, ethyl-	OSHA	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL
		ACGIH	20 ppm TWA
		NIOSH	100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL)
		Supplier	
		OHSA, CAN	20 ppm TWA
		Mexico	100 ppm TWA LMPE-PPT; 435 mg/m3 TWA LMPE-PPT125 ppm STEL [LMPE-CT]; 545 mg/m3 STEL [LMPE-CT]
		Brazil	78 ppm TWA LT; 340 mg/m3 TWA LT
0000107-98-2	Propylene glycol monomethyl ether	OSHA	150 ppm STEL; 540 mg/m3 STEL
		ACGIH	50 ppm TWA100 ppm STEL
		NIOSH	100 ppm TWA; 360 mg/m3 TWA150 ppm STEL; 540 mg/m3 STEL
		Supplier	
		OHSA, CAN	100 ppm TWA150 ppm STEL
		Mexico	
		Brazil	
0000111-76-2	2-Butoxyethanol	OSHA	50 ppm TWA; 240 mg/m3 TWA
		ACGIH	20 ppm TWA
		NIOSH	5 ppm TWA; 24 mg/m3 TWA700 ppm IDLH
		Supplier	
		OHSA, CAN	20 ppm TWA
		Mexico	26 ppm TWA LMPE-PPT; 120 mg/m3 TWA LMPE-PPT75 ppm STEL [LMPE-CT]; 360 mg/m3 STEL [LMPE-CT]
		Brazil	39 ppm TWA LT; 190 mg/m3 TWA LT
0001330-20-7	Xylenes (o-, m-, p- isomers)	OSHA	100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL
		ACGIH	100 ppm TWA150 ppm STEL
		NIOSH	
		Supplier	
		OHSA, CAN	100 ppm TWA150 ppm STEL
		Mexico	

QHA500_A0

			100 ppm TWA LMPE-PPT; 435 mg/m3 TWA LMPE-PPT150 ppm STEL [LMPE-CT]; 655 mg/m3 STEL [LMPE-CT]
		Brazil	78 ppm TWA LT; 340 mg/m3 TWA LT
0001332-58-7	Kaolin	OSHA	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
		ACGIH	2 mg/m3 TWA (particulate matter containing no asbestos and
		NIOSH	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
		Supplier	
		OHSA, CAN	2 mg/m3 TWA (containing no Asbestos and
		Mexico	10 mg/m3 TWA LMPE-PPT20 mg/m3 STEL [LMPE-CT]
		Brazil	
0001589-47-5	2-Methoxy-1-propanol	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0007647-01-0	Hydrochloric acid	OSHA	5 ppm Ceiling; 7 mg/m3 Ceiling
		ACGIH	2 ppm Ceiling
		NIOSH	5 ppm Ceiling; 7 mg/m3 Ceiling50 ppm IDLH
		Supplier	
		OHSA, CAN	2 ppm Ceiling
		Mexico	
		Brazil	
0011099-06-2	Silicic acid, ethyl ester	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	
0012001-26-2	Mica	OSHA	
		ACGIH	3 mg/m3 TWA (respirable fraction)
		NIOSH	3 mg/m3 TWA (containing
		Supplier	
		OHSA, CAN	3 mg/m3 TWA (respirable)
		Mexico	3 mg/m3 TWA LMPE-PPT (respirable fraction)
		Brazil	

Health Data

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	NIOSH	Eye and mucous membrane irritation CNS depression
0000078-10-4	Ethyl silicate	NIOSH	Eye and nose irritation; lung liver
0000100-41-4	Benzene, ethyl-	NIOSH	Eye skin
0000107-98-2	Propylene glycol monomethyl ether	NIOSH	Eye nose
0000111-76-2	2-Butoxyethanol	NIOSH	Adverse effects on blood and hematopoietic system tissue irritation
0001330-20-7	Xylenes (o-, m-, p- isomers)	NIOSH	Central nervous system depressant;

QHA500_A0

			respiratory and eye irritation
0001332-58-7	Kaolin	NIOSH	Skin and mucous membrane injury respiratory effects
0001589-47-5	2-Methoxy-1-propanol	NIOSH	
0007647-01-0	Hydrochloric acid	NIOSH	Eye mucous membrane
0011099-06-2	Silicic acid, ethyl ester	NIOSH	
0012001-26-2	Mica	NIOSH	respirable dust; Fibrotic pneumoconiosis

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000078-10-4	Ethyl silicate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000100-41-4	Benzene, ethyl-	OSHA	Select Carcinogen: Yes
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0000107-98-2	Propylene glycol monomethyl ether	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000111-76-2	2-Butoxyethanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0001330-20-7	Xylenes (o-, m-, p-isomers)	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0001332-58-7	Kaolin	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0001589-47-5	2-Methoxy-1-propanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007647-01-0	Hydrochloric acid	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0011099-06-2	Silicic acid, ethyl ester	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0012001-26-2	Mica	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory

Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator

QHA500_A0

(NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1-800-243-4630, in Canada call 1-800-267-4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet.

Eyes	Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
Skin	Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
Engineering Controls	Depending on the site-specific conditions of use, provide adequate ventilation.
Other Work Practices	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water.

9. Physical and chemical properties

Appearance	Coloured Liquid
Odour threshold	Not Measured
pH	No Established Limit
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	100 (°C) 212 (°F)
Flash Point	19 (°C) 66 (°F)
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1 Upper Explosive Limit: No Established Limit
vapor pressure (Pa)	Not Measured
Vapor Density	Heavier than air
Specific Gravity	1.09
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	No Established Limit Not Measured
VOC %	Refer to the Technical Data Sheet or label where information is available.
VOHAP content (gm/litre of paint)	578.95 (as supplied)
VOHAP content (gm/litre of Solid Coating)	129.96 (as supplied)

10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive heat and fumes generation can occur if improperly handled.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

QHA500_A0

No data available

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

FLAMMABLE/COMBUSTIBLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated.

11. Toxicological information

Acute toxicity

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr
Silicic acid, ethyl ester - (11099-06-2)	No data available	No data available	No data available	No data available
Propylene glycol monomethyl ether - (107-98-2)	5,000.00, Rat - Category: 5	13,000.00, Rabbit - Category: NA	No data available	No data available
Kaolin - (1332-58-7)	No data available	No data available	No data available	No data available
2-Butoxyethanol - (111-76-2)	470.00, Rat - Category: 4	220.00, Rabbit - Category: 3	2.21, Rat - Category: 3	No data available
Xylenes (o-, m-, p- isomers) - (1330-20-7)	4,299.00, Rat - Category: 5	1,548.00, Rabbit - Category: 4	20.00, Rat - Category: 4	No data available
Ethyl silicate - (78-10-4)	6,270.00, Rat - Category: NA	5,878.00, Rabbit - Category: NA	No data available	No data available
Mica - (12001-26-2)	No data available	No data available	No data available	No data available
Benzene, ethyl- - (100-41-4)	3,500.00, Rat - Category: 5	15,433.00, Rabbit - Category: NA	17.20, Rat - Category: 4	No data available
Butanol - (71-36-3)	2,292.00, Rat - Category: 5	3,430.00, Rabbit - Category: 5	No data available	No data available
Hydrochloric acid - (7647-01-0)	900.00, Rabbit - Category: 4	5,010.00, Rabbit - Category: NA	No data available	No data available
2-Methoxy-1-propanol - (1589-47-5)	No data available	No data available	No data available	No data available

Item	Category	Hazard
Acute Toxicity (mouth)	5	May be harmful if swallowed.
Acute Toxicity (skin)	4	Harmful in contact with skin.
Acute Toxicity (inhalation)	4	Harmful if inhaled.
Skin corrosion/irritation	2	Causes skin irritation.
Eye damage/irritation	2	Causes serious eye irritation.
Sensitization (respiratory)	Not Classified	Not Applicable
Sensitization (skin)	Not Classified	Not Applicable
Germ toxicity	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
Reproductive Toxicity	1B	May damage the unborn child.
	Not Classified	Not Applicable

QHA500_A0

Specific target organ systemic toxicity (single exposure)		
Specific target organ systemic Toxicity (repeated exposure)	Not Classified	Not Applicable
Aspiration hazard	Not Classified	Not Applicable

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Silicic acid, ethyl ester - (11099-06-2)	Not Available	Not Available	Not Available
Propylene glycol monomethyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
Kaolin - (1332-58-7)	Not Available	Not Available	Not Available
2-Butoxyethanol - (111-76-2)	220.00, Fish (Piscis)	1,000.00, Daphnia magna	Not Available
Xylenes (o-, m-, p-isomers) - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Ethyl silicate - (78-10-4)	Not Available	Not Available	Not Available
Mica - (12001-26-2)	Not Available	Not Available	Not Available
Benzene, ethyl- - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 hr), Scenedesmus subspicatus
Hydrochloric acid - (7647-01-0)	282.00, Gambusia affinis	260.00, Crangon crangon	Not Available
2-Methoxy-1-propanol - (1589-47-5)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available

13. Disposal considerations

13.1. Waste treatment methods

Do not allow spills to enter drains or watercourses.

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

14. Transport information

QHA500_A0

- 14.1. UN number UN 1263
 14.2. UN proper shipping name PAINT
 14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)	
DOT Proper Shipping Name	PAINT	IMDG Proper Shipping Name	PAINT
DOT Hazard Class	3 - Flammable and Combustible liquid	IMDG Hazard Class Sub Class	3 - Flammable and Combustible liquid 2
UN / NA Number	UN 1263	IMDG Packing Group	II
DOT Packing Group	II	System Reference Code	28
CERCLA/DOT RQ	115 gal. / 1044 lbs.		

- 14.4. Packing group II
 14.5. Environmental hazards
 IMDG Marine Pollutant: No
 14.6. Special precautions for user
 Not Applicable
 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
 Not Applicable

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification B2 D2A

DOT Marine Pollutants (10%):
(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):
(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :
 Benzene, ethyl- (1000 lb final RQ; 454 kg final RQ)
 Hydrochloric acid (5000 lb final RQ; 2270 kg final RQ)
 Butanol (5000 lb final RQ; 2270 kg final RQ)
 Xylenes (o-, m-, p- isomers) (100 lb final RQ; 45.4 kg final RQ)

EPCRA 302 Extremely Hazardous (>.1%) :
 Hydrochloric acid (500 lb TPQ (gas only))

EPCRA 313 Toxic Chemicals (>.1%) :
 Benzene, ethyl-
 Hydrochloric acid
 Butanol
 Xylenes (o-, m-, p- isomers)

Mass RTK Substances (>1%) :
 2-Butoxyethanol
 Benzene, ethyl-
 Ethyl silicate
 Kaolin
 Mica
 Butanol
 Propylene glycol monomethyl ether
 Xylenes (o-, m-, p- isomers)

Penn RTK Substances (>1%) :

2-Butoxyethanol
 Benzene, ethyl-
 Ethyl silicate
 Kaolin
 Mica
 Butanol
 Propylene glycol monomethyl ether
 Silicic acid, ethyl ester
 Xylenes (o-, m-, p- isomers)

Penn Special Hazardous Substances (>.01%) :
 (No Product Ingredients Listed)

RCRA Status:
 (No Product Ingredients Listed)

N.J. RTK Substances (>1%) :

2-Butoxyethanol
 Benzene, ethyl-
 Ethyl silicate
 Kaolin
 Mica
 Butanol
 Propylene glycol monomethyl ether
 Xylenes (o-, m-, p- isomers)

N.J. Special Hazardous Substances (>.01%) :

2-Butoxyethanol
 Ethyl alcohol
 Benzene, ethyl-
 Ethyl silicate
 Hydrochloric acid
 Butanol
 Propylene glycol monomethyl ether
 Quartz
 Silica, cristobalite
 Xylenes (o-, m-, p- isomers)

N.J. Env. Hazardous Substances (>.1%) :

Benzene, ethyl-
 Hydrochloric acid
 Butanol
 Xylenes (o-, m-, p- isomers)

Proposition 65 - Carcinogens (>0%):
 Ethyl alcohol
 Benzene, ethyl-
 Nickel
 Quartz

Proposition 65 - Female Repro Toxins (>0%):
 (No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0%):
 (No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0%):
 Ethyl alcohol

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H360D May damage the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

The following sections have changed since the previous revision.

End of Document