

Material Safety Data Sheet  
 BAR-RUST 236 RAL7040 GREY KIT

Sales  
 Order: {SalesOrd}

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

DC236K2704  
 03/06/2013  
 0-2



1. Identification of the preparation and company

Product Identity BAR-RUST 236 RAL7040 GREY KIT  
 Bulk Sales Reference No. DC236K2704  
 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



Warning

GHS Classification:

Item	Category	Hazard
Flammability	3	Flammable liquid and vapor
Acute Toxicity (mouth)	5	May be harmful if swallowed
Acute Toxicity (skin)	Not classified	Not applicable
Acute Toxicity (inhalation)	Not classified	Not applicable
Acute Toxicity (ingestion)	Not classified	Not applicable
Skin corrosion/irritation	2	Causes skin irritation
Eye damage/irritation	2A	Causes serious eye irritation
Sensitization (respiratory)	Not classified	Not applicable
Sensitization (skin)	1	May cause allergic reaction.
Germ toxicity	Not classified	Not applicable
Specific target organ systemic toxicity (single exposure)	1	respiratory system
	2	Not applicable
	3	narcotic effects, respiratory tract irritation
Specific target organ systemic Toxicity (repeated exposure)	1	auditory apparatus, central nerve system, kidneys, lung, respiratory system
	2	Not applicable
Aspiration hazard	Not classified	Not applicable
Harmfulness to aquatic Environment (acute)	3	Harmful to aquatic life.
Harmfulness to aquatic Environment (long term effect)	4	May cause harm to aquatic life with long lasting effects

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Carcinogenicity	Not classified	Not applicable
Reproductive Toxicity	Not classified	Not applicable
Organic Peroxide	Not classified	Not applicable

## Safety Phrases:

S1: Keep locked up.

S20: When using do not eat or drink.

S23: Do not breathe vapor/spray.

S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S27: Take off immediately all contaminated clothing.

S28: After contact with skin, wash immediately with plenty of soap and water.

S37: Wear suitable gloves.

S39: Wear eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S51: Use only in well-ventilated areas.

S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

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. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea.
Eyes	Risk of serious damage to eyes. Do not get in 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 condition 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	Causes skin irritation. May cause delayed skin irritation. May cause allergic skin reaction. 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.
HMIS Rating	Health: 3      Flammability: 2      Reactivity: 0      PPE: X

## 3. Composition/information on ingredients

Ingredient	CAS No.	Percent
Butanol	0000071-36-3	1.0 - 10
1,2,4-Trimethyl benzene	0000095-63-6	1.0 - 10
1,3,5-Trimethylbenzene	0000108-67-8	1.0 - 10
Methyl n-amyl ketone	0000110-43-0	1.0 - 10
Magnesium carbonate	0000546-93-0	1.0 - 10
Carbon black	0001333-86-4	0.10 - 1.0
Silica, amorphous	0007631-86-9	1.0 - 10
Titanium dioxide	0013463-67-7	1.0 - 10
Wollastonite (Ca(SiO <sub>3</sub> ))	0013983-17-0	1.0 - 10
Talc	0014807-96-6	10 - 25
Quartz	0014808-60-7	10 - 25
Bisphenol A - Epichlorohydrin	0025068-38-6	1.0 - 10
Reaction of epichlorohydrin and bisphenol A	0025085-99-8	10 - 25
Petroleum naphtha	0064742-95-6	1.0 - 10
Alkylated polyamine adduct	0068413-28-5	10 - 25

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CASHEW, NUTSHELL LIQ., POLYMER WITH  
DIETHYLENETRIA

0068413-29-6

1.0 - 10

This product contains 14.27  
percent Quartz.

4. 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.

5. Fire-fighting measures

Flash Point	F: 100 C: 38
Lower Explosive Limit (LEL)	1 (%vol in air) at Normal Atmospheric Temp and Pressure
ERG Guide No.	Not Determined

6. Accidental release measures

Spill Response 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.
Public Safety	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).
ERG Guide No.	Not Determined

7. Handling and storage

Storage Temperature	Store between 40-100F (4-38C).
Handling and Storage Precautions	Keep away from heat, sparks and flame. 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. Vapors may cause flash fire or ignite explosively. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Do not get in eyes, on skin or clothing. Close container after each use. Wash thoroughly after handling.

8. Exposure controls and personal protection

		Exposure	
CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	OSHA	100 ppm TWA; 300 mg/m3 TWA 50 ppm Ceiling; 150 mg/m3 Ceiling

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		ACGIH	20 ppm TWA
		NIOSH	50 ppm Ceiling; 150 mg/m <sup>3</sup> Ceiling 1400 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	20 ppm TWA
		Mexico	No Established Limit
		Brazil	No Established Limit
0000095-63-6	1,2,4-Trimethyl benzene	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	25 ppm TWA; 125 mg/m <sup>3</sup> TWA
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0000108-67-8	1,3,5-Trimethylbenzene	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	25 ppm TWA; 125 mg/m <sup>3</sup> TWA
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0000110-43-0	Methyl n-amyl ketone	OSHA	100 ppm TWA; 465 mg/m <sup>3</sup> TWA
		ACGIH	50 ppm TWA
		NIOSH	100 ppm TWA; 465 mg/m <sup>3</sup> TWA 800 ppm IDLH
		Supplier	No Established Limit
		OHSA, CAN	25 ppm TWA; 115 mg/m <sup>3</sup> TWA
		Mexico	50 ppm TWA; 235 mg/m <sup>3</sup> TWA 100 ppm STEL; 465 mg/m <sup>3</sup> STEL
		Brazil	No Established Limit
0000546-93-0	Magnesium carbonate	OSHA	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)
		ACGIH	No Established Limit
		NIOSH	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m <sup>3</sup> TWA (containing no Asbestos and
		Mexico	10 mg/m <sup>3</sup> TWA 20 mg/m <sup>3</sup> STEL
		Brazil	No Established Limit
0001333-86-4	Carbon black	OSHA	3.5 mg/m <sup>3</sup> TWA
		ACGIH	3.5 mg/m <sup>3</sup> TWA
		NIOSH	3.5 mg/m <sup>3</sup> TWA; 0.1 mg/m <sup>3</sup> TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as 1750 mg/m <sup>3</sup> IDLH
		Supplier	No Established Limit
		OHSA, CAN	3.5 mg/m <sup>3</sup> TWA
		Mexico	3.5 mg/m <sup>3</sup> TWA 7 mg/m <sup>3</sup> STEL
		Brazil	No Established Limit
0007631-86-9	Silica, amorphous	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	6 mg/m <sup>3</sup> TWA 3000 mg/m <sup>3</sup> IDLH
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit

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0013463-67-7	Titanium dioxide	Mexico	No Established Limit
		Brazil	No Established Limit
		OSHA	15 mg/m3 TWA (total dust)
		ACGIH	10 mg/m3 TWA
		NIOSH	5000 mg/m3 IDLH
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m3 TWA (total dust)
		Mexico	10 mg/m3 TWA (as Ti)20 mg/m3 STEL (as Ti)
0013983-17-0	Wollastonite (Ca(SiO3))	Brazil	No Established Limit
		OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0014807-96-6	Talc	OSHA	No Established Limit
		ACGIH	2 mg/m3 TWA (particulate matter containing no asbestos and
		NIOSH	2 mg/m3 TWA (containing no Asbestos and
		Supplier	No Established Limit
		OHSA, CAN	2 mg/m3 TWA (containing no Asbestos and
		Mexico	2 mg/m3 TWA (respirable fraction)
		Brazil	No Established Limit
		0014808-60-7	Quartz
ACGIH	0.025 mg/m3 TWA (respirable fraction)		
NIOSH	0.05 mg/m3 TWA (respirable dust)50 mg/m3 IDLH (respirable dust)		
Supplier	No Established Limit		
OHSA, CAN	0.10 mg/m3 TWA (designated substance regulation, respirable)0.10 mg/m3 TWA (respirable fraction)		
Mexico	0.1 mg/m3 TWA (respirable fraction)		
Brazil	No Established Limit		
0025068-38-6	Bisphenol A – Epichlorohydrin		
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
		0025085-99-8	Reaction of epichlorohydrin and bisphenol A
ACGIH	No Established Limit		
NIOSH	No Established Limit		
Supplier	No Established Limit		
OHSA, CAN	No Established Limit		
Mexico	No Established Limit		
Brazil	No Established Limit		
0064742-95-6	Petroleum naphtha		
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA,	No Established Limit

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		CAN	
		Mexico	No Established Limit
		Brazil	No Established Limit
0068413-28-5	Alkylated polyamine adduct	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0068413-29-6	CASHEW, NUTSHELL LIQ., POLYMER WITH DIETHYLENETRIA	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit

Health Data

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	NIOSH	Eye and mucous membrane irritation CNS depression
0000095-63-6	1,2,4-Trimethyl benzene	NIOSH	No Established Limit
0000108-67-8	1,3,5-Trimethylbenzene	NIOSH	No Established Limit
0000110-43-0	Methyl n-amyl ketone	NIOSH	Irritation; liver kidney
0000546-93-0	Magnesium carbonate	NIOSH	Skin mucous membrane
0001333-86-4	Carbon black	NIOSH	Lung cardiovascular
0007631-86-9	Silica, amorphous	NIOSH	No Established Limit
0013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals
0013983-17-0	Wollastonite (Ca(SiO3))	NIOSH	No Established Limit
0014807-96-6	Talc	NIOSH	(containing asbestos); Fibrotic pneumoconiosis; (containing no asbestos); Nonmalignant respiratory effects
0014808-60-7	Quartz	NIOSH	Chronic lung disease (silicosis)
0025068-38-6	Bisphenol A - Epichlorohydrin	NIOSH	No Established Limit
0025085-99-8	Reaction of epichlorohydrin and bisphenol A	NIOSH	No Established Limit
0064742-95-6	Petroleum naphtha	NIOSH	No Established Limit
0068413-28-5	Alkylated polyamine adduct	NIOSH	No Established Limit
0068413-29-6	CASHEW, NUTSHELL LIQ., POLYMER WITH DIETHYLENETRIA	NIOSH	No Established Limit

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;
0000095-63-6	1,2,4-Trimethyl benzene	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;
0000108-67-8	1,3,5-Trimethylbenzene	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;

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0000110-43-0	Methyl n-amyl ketone	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;
0000546-93-0	Magnesium carbonate	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;
0001333-86-4	Carbon black	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;
0007631-86-9	Silica, amorphous	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;
0013463-67-7	Titanium dioxide	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;
0013983-17-0	Wollastonite (Ca(SiO3))	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;
0014807-96-6	Talc	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;
0014808-60-7	Quartz	OSHA	Select Carcinogen: Yes
		NTP	Known: Yes; Suspected: No
		IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0025068-38-6	Bisphenol A – Epichlorohydrin	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;
0025085-99-8	Reaction of epichlorohydrin and bisphenol A	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;
0064742-95-6	Petroleum naphtha	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;
0068413-28-5	Alkylated polyamine adduct	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;
0068413-29-6	CASHEW, NUTSHELL LIQ., POLYMER WITH DIETHYLENETRIA	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;

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 (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	Do not get in 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 condition 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. 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	Prevent build-up of vapors by opening all windows and doors to achieve cross-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

Physical State	Liquid Coloured
pH	No Established Limit
Specific Gravity	1.64
Boiling Point F	210
Vapor Density	Heavier than air
VOC %	Refer to the Technical Data Sheet or label where information is available.
Evaporation Rate	Slower than ether

#### 10. Stability and reactivity

General	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.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition	May produce hazardous fumes when heated to decomposition as in welding. Fumes may produce Carbon Dioxide and Carbon Monoxide.

#### 11. Toxicological information

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr
Butanol - (0000071-36-3)	790.00, Rat - Category: 4	3,400.00, Rabbit - Category: 5	17.70, Rat - Category: 4
1,2,4-Trimethyl benzene - (0000095-63-6)	3,400.00, Rat - Category: 5	3,160.00, Rabbit - Category: 5	-----
1,3,5-Trimethylbenzene - (0000108-67-8)	5,000.00, Rat - Category: 5	-----	-----
Methyl n-amy ketone - (0000110-43-0)	1,670.00, Rat - Category: 4	-----	-----
Magnesium carbonate - (0000546-93-0)	-----	-----	-----
Carbon black - (0001333-86-4)	15,400.00, Rat - Category: NA	3,000.00, Rabbit - Category: 5	-----
Silica, amorphous - (0007631-86-9)	5,000.00, Rat - Category: 5	2,000.00, Rabbit - Category: 4	-----
Titanium dioxide - (0013463-67-7)	10,000.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	6,082.00, Rat - Category: NA



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Wollastonite (Ca(SiO <sub>3</sub> )) – (0013983–17–0)	-----	-----	-----
Talc – (0014807–96–6)	-----	-----	-----
Quartz – (0014808–60–7)	500.00, Rat – Category: 4	-----	-----
Bisphenol A – Epichlorohydrin – (0025068–38–6)	11,400.00, Rat – Category: NA	-----	-----
Reaction of epichlorohydrin and bisphenol A – (0025085–99–8)	-----	-----	-----
Petroleum naphtha – (0064742–95–6)	8,400.00, Rat – Category: NA	2,000.00, Rabbit – Category: 4	5.20, Rat – Category: 3
Alkylated polyamine adduct – (0068413–28–5)	-----	-----	-----
CASHEW, NUTSHELL LIQ., POLYMER WITH DIETHYLENETRIA – (0068413–29–6)	-----	-----	-----

General 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. No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

## 12. Ecological information

Not Defined

No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

## 13. Disposal considerations

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

## 14. Transport information

DOT (Domestic Surface Transportation)		IMO / IMDG (Ocean Transportation)	
DOT Proper Shipping Name	CORROSIVE LIQUID, FLAMMABLE, N.O.S. (DIETHYLENETRIAMINE, METHYL AMYL KETONE)	IMDG Proper Shipping Name	CORROSIVE LIQUID, FLAMMABLE, N.O.S. (DIETHYLENETRIAMINE, METHYL AMYL KETONE)
DOT Hazard Class	8 (3)	IMDG Hazard Class	8 (3)
UN / NA Number	UN2920	UN / NA Number	UN2920
DOT Packing Group	II	IMDG Packing Group	II
CERCLA/DOT RQ	918 gal. / 12528 lbs.	System Reference Code	1030

## 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:D2B:E

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

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

EPCRA 311/312 Chemicals and RQs (>.1%) :

Cumene (5000 lb final RQ; 2270 kg final RQ)

Ethylene diamine (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%) :

Ethylene diamine (10000 lb TPQ)

EPCRA 313 Toxic Chemicals (>.1%) :

- 1,2,4-Trimethyl benzene
- Cumene
- Butanol
- Xylenes (o-, m-, p- isomers)

Mass RTK Substances (>1%) :

- 1,2,4-Trimethyl benzene
- Magnesium carbonate
- Methyl n-amyI ketone
- Butanol
- Quartz
- Silica, amorphous
- Talc
- Titanium dioxide
- 1,3,5-Trimethylbenzene

Mass Extraordinarily Haz Sub (>.01%) :

- Ethylene diamine
- Quartz

Penn RTK Substances (>1%) :

- 1,2,4-Trimethyl benzene
- Methyl n-amyI ketone
- Butanol
- Quartz
- Silica, amorphous
- Talc
- Titanium dioxide

Penn Special Hazardous Substances (>.01%) :

(No Product Ingredients Listed)

Rhode Island Hazardous Substances (>.1%) :

- 2-Butoxyethanol
- Carbon black
- Cumene
- Diethylene triamine
- Ethylene diamine
- Magnesium carbonate
- Methyl n-amyI ketone
- Butanol
- Quartz
- Talc
- Titanium dioxide
- Xylenes (o-, m-, p- isomers)

RCRA Status:

(No Product Ingredients Listed)

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

- 1,2,4-Trimethyl benzene
- Magnesium carbonate
- Methyl n-amyI ketone
- Butanol
- Quartz
- Talc
- Titanium dioxide

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

- 2-Butoxyethanol
- Carbon black
- Cumene
- Diethylene triamine

Benzene, ethyl-  
Ethylene diamine  
Isobutyl alcohol  
Butanol  
Quartz  
Xylenes (o-, m-, p- isomers)

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

1,2,4-Trimethyl benzene  
Cumene  
Ethylene diamine  
Butanol  
Xylenes (o-, m-, p- isomers)

Proposition 65 – Carcinogens (>0%):

Carbon black  
Cumene  
Benzene, ethyl-  
Quartz

Proposition 65 – Female Repro Toxins (>0%):

Benzene, methyl-

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

Proposition 65 – Developmental Toxins (>0%):

Benzene, methyl-

Risk Phrases:

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16. Other information
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