



# SAFETY DATA SHEET

Rust Bullet®

This document is prepared to the Globally Harmonized System of Classification and Labelling of Chemicals Guidelines 29CFR 1910 (OSHA HCS)

## SECTION 1. PRODUCT IDENTIFICATION

### 1.1 TRADE NAME (AS LABELED):

SYNONYMS:

CAS#:

### 1.2 PRODUCT USE:

### 1.3 MANUFACTURER'S NAME:

ADDRESS:

BUSINESS PHONE:

EMAIL:

WEB SITE INFORMATION:

### 1.4 EMERGENCY PHONE NUMBERS:

DATE OF CURRENT REVISION:

DATE OF LAST REVISION:

Rust Bullet®

Metallic Pigmented Polyurethane Coating

Mixture

Protective Coating

**Rust Bullet® LLC**

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775-829-5606 (For product information)

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800-424-9300 or 202-483-7616 (CHEMTREC, CCM17521)

October 19, 2019

August 18, 2018

## SECTION 2. HAZARD IDENTIFICATION

### Component(s) Contributing to Classification(s)

All Ingredients

Signal Word: Danger

### GHS Hazard Classification(s):

Hazard	Category	Symbol	Signal Word	Hazard Statement
Flammable Liquid	3	Flame	Warning	H226: Flammable Liquid and Vapour
STOT SE	3	Exclamation Mark	Warning	H335: May cause respiratory irritation H336: May cause drowsiness or dizziness.
Acute Toxicity Inhalation	4	Exclamation Mark	Warning	H332: Harmful if inhaled
Acute Toxicity Dermal	4	Exclamation mark	Warning	H312: Harmful in contact with skin.
Skin Irritant	2	Exclamation Mark	Warning	H315: Causes skin irritation.
Eye irritant	2A	Exclamation mark	Warning	H319: Causes serious eye irritation.
Respiratory Sensitizer	1A	Health Hazard	Danger	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Sensitizer	1A	Exclamation mark	Warning	H317: May cause an allergic skin reaction.
Carcinogenicity	2	Health Hazard	Warning	H351: Suspected of causing cancer.
Aspiration	1	Health Hazard	Danger	H304: May be fatal if swallowed and enters airways.

**LABEL ELEMENTS****Signal Word: Danger**

Flammable Liquid



Skin Irritant



Health Hazard

**Hazard Statement**

H226: Flammable Liquid and Vapour

H335: May cause respiratory irritation

H336: May cause drowsiness or dizziness.

H332: Harmful if inhaled

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317: May cause an allergic skin reaction.

H351: Suspected of causing cancer.

H304: May be fatal if swallowed and enters airways.

**Response Statement(s):**

P363: Wash contaminated clothing before reuse.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or Doctor/Physician.

P333 + P313: IF skin irritation or rash occurs : Get medical advice/attention.

**Precautionary Statement(s):**

P102 : Keep out of reach of children

P210: Keep away from heat/sparks/open flame/hot surfaces – No Smoking.

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 in well ventilated areas.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Storage Statement(s):**

P403+P235: Store in a well-ventilated place. Keep cool

**Disposal Statement(s):**

P501: Dispose of contents/container in accordance with local/regional/national/international regulations

**2.3 HEALTH HAZARDS OR RISKS FROM EXPOSURE:**

**SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:** The most significant routes of overexposure for this product are by contact with skin or eyes and inhalation of vapors. The symptoms of overexposure are described in the following paragraphs.

**ACUTE:**

**INHALATION:** Inhalation can cause severe irritation of mucous membranes and upper respiratory tract. Symptoms may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting. High concentrations may cause lung damage. An irritant to the nose, throat, and upper respiratory tract.

**INGESTION:** Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.

**SKIN CONTACT:** Causes irritation to skin. Symptoms include redness, itching, and pain. Repeated or prolonged contact with the skin has a defatting effect and may cause dryness, cracking, and possibly dermatitis.



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**EYE CONTACT:** Causes irritation, redness, and pain.

**CHRONIC:**

Chronic exposure to organic solvents has been associated with various neurotoxic effects including permanent brain and nervous system damage. Symptoms include loss of memory, loss of intellectual ability and loss of coordination.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Individuals with pre-existing skin, eye, impaired liver, kidney or respiratory function may be more susceptible to the effects of this substance.

**TARGET ORGANS:** **Acute:** Skin, Respiratory System, Eyes **Chronic:** Blood, Liver, Kidneys

## SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT%	CAS#	EINECS #	
Proprietary Homopolymer	45 - 65%	Proprietary	Proprietary	
Aromatic Solvent	10-25%	1330-20-7	215-535-7	
Isobutyl Acetate	10-25%	110-19-0	203-745-1	
Aluminum	10-25%	7429-90-5	231-072-3	
4-4'-methylenediphenyl diisocyanate	5-15%	101-68-8	202-966-0	
Methyenediphenyl diisocyanate	1-5%	26447-40-5	247-714-0	
Balance of other hazardous ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000

## SECTION 4. FIRST - AID MEASURES

**4.1 DESCRIPTION OF FIRST AID MEASURES:**

**EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention medical attention if irritation develops or persists or if visual changes occur..

**SKIN CONTACT:** Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

**INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**INGESTION:** If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**

Contact with eyes may cause irritation with redness and tearing. Prolonged skin exposure may cause skin irritation and possible dermatitis.

**4.3 RECOMMENDATIONS TO PHYSICIANS:**

Treat symptoms and eliminate overexposure.

## SECTION 5. FIRE-FIGHTING MEASURES

**5.1 FIRE EXTINGUISHING MATERIALS:**

Use fire extinguishing methods below:

Water Spray: Use Mist, as direct stream may spread the fire.

Carbon Dioxide: Yes

Foam: Yes

Dry Chemical: Yes

Halon: Yes

Other: Any "C" Class

**5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Flammable in presence of open flames and sparks. Vapor may travel considerable distance to source of ignition and flash back. Containers heated in a fire may swell and burst.

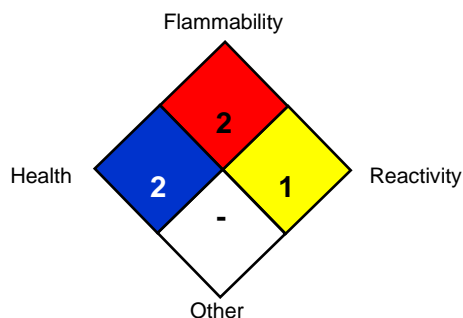
Explosion Sensitivity to Mechanical Impact: No Information Available

Explosion Sensitivity to Static Discharge: Yes

### 5.3 SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

#### NFPA RATING SYSTEM



#### HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			2
FLAMMABILITY HAZARD (RED)			2
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use cautious judgment when cleaning up spill. Shut off leaks, if possible without personal risk. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas

### 6.2 ENVIRONMENTAL PRECAUTIONS:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

### 6.3 SPILL AND LEAK RESPONSE:

**Small spills:** Contain and recover liquid if possible. Use non-sparking tools and equipment. Soak up with absorbent material such as clay, sand or other suitable non-reactive, non-combustible material. Place in leak-proof containers. Seal tightly for proper disposal.

**Large spills:** Approach suspected leak areas with caution. Create a dike or trench to contain material. Contain and recover liquid if possible. Use non-sparking tools and equipment. Soak up with absorbent material such as clay, sand or other suitable non-reactive, non-combustible material. Place in leak-proof containers. Seal tightly for proper disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

## SECTION 7. HANDLING and STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING:

Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, and alkalis

### 7.2 STORAGE AND HANDLING PRACTICES:

Protect against physical damage. Store in a cool, dry well-ventilated location, Outside or detached storage is acceptable. Separate from incompatibles. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

Storage Temperature (min/max): 32°F (0°C) / 110°F (43°C)

Shelf Life: 24-months at 77°F (25°C). When unopened.



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### 7.3 SPECIFIC USES:

This product is a polyurethane coating available in a variety of container sizes.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 EXPOSURE PARAMETERS:

Hazardous Ingredients:	WT%	CAS#	EINECS #	OSHA PEL(TWA)
Proprietary Homopolymer	45 - 65%	Proprietary	Proprietary	Not Established
Aromatic Solvent	10-25%	1330-20-7	215-535-7	435 mg/m3
Isobutyl Acetate	10-25%	110-19-0	203-745-1	700 mg/m3
Aluminum	10-25%	7429-90-5	231-072-3	5 mg/m3 respirable dust.
4-4'-methylenediphenyl diisocyanate	5-15%	101-68-8	202-966-0	0.02 ppm (Ceiling)
Methyenediphenyl diisocyanate	1-5%	26447-40-5	247-714-0	Not established
Balance of other hazardous ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

### 8.2 EXPOSURE CONTROLS:

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**RESPIRATORY PROTECTION:** Not normally required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**EYE PROTECTION:** Use chemical safety goggles and/or a full face shield where splashing and eye contact is possible. Maintain eye wash fountain and quick-drench facilities in work area. Contact lenses pose a special hazard; Do not wear contact lenses. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**HAND PROTECTION:** Use of chemical resistant gloves is recommended to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

**BODY PROTECTION:** Use body protection appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

## SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE (Physical State) and COLOR:** Silver liquid

**ODOR:** Hydrocarbon odor

**ODOR THRESHOLD:** Not Available

**pH:** Not Available

**MELTING/FREEZING POINT:** Not Available

**BOILING POINT:** Not Available

**FLASH POINT:** 123F (50.56C)

**EVAPORATION RATE (n-BuAc=1):** less than 1



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**FLAMMABILITY (SOLID, GAS):** Not Applicable  
**UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS:** Not Available  
**VAPOR PRESSURE (mm Hg @ 20°C (68°F):** <10 MM@25°C  
**VAPOR DENSITY:** Heavier than air  
**RELATIVE DENSITY:** Not Available  
**SPECIFIC GRAVITY:** 1.104 g/ml (water)  
**SOLUBILITY IN WATER:** Non-Soluble  
**WEIGHT PER GALLON:** 9.10#/Gallon  
**PARTITION COEFFICIENT (n-octanol/water):** Not Available  
**AUTO-IGNITION TEMPERATURE:** >437°C  
**DECOMPOSITION TEMPERATURE:** Not Available  
**VISCOSITY:** 320-550 cP  
**% VOLATILE:** <40

## **9.2 OTHER INFORMATION:**

No additional information available at this time.

## **SECTION 10. STABILITY and REACTIVITY**

### **10.1 REACTIVITY:**

This product is reactive.

### **10.2 STABILITY:**

Stable under conditions of normal storage and use.

### **10.3 POSSIBILITY OF HAZARDOUS REACTIONS:**

Will not occur.

### **10.4 CONDITIONS TO AVOID:**

Excess heat, ignition sources, incompatible materials.

### **10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:**

Oxidizing agents, alkalis

### **10.6 HAZARDOUS DECOMPOSITION PRODUCTS:**

Thermal decomposition products include carbon monoxide, carbon dioxide and other organic substances.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

### **11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:**

#### **TOXICITY DATA:**

<b>Hazardous Ingredients:</b>	<b>WT%</b>	<b>CAS#</b>	<b>Oral LD50 mg/kg (Rat)</b>	<b>Dermal LD50 ml/kg (Rabbit)</b>	<b>Acute Inhalation LC50 mg/m3 (Rat)</b>
Proprietary Homopolymer	45 - 65%	Proprietary	Not established	Not established	Not established
Aromatic Solvent	10-25%	1330-20-7	100 ppm 8 hrs	Not found	Not found
Isobutyl Acetate	10-25%	110-19-0	13,413	>17,400	Not found
Aluminum	10-25%	7429-90-5	Not found	Not found	Not found
4-4'-methylenediphenyl diisocyanate	5-15%	101-68-8	Not found	>10,000 mg/kg (rabbit)	369 4h
Methyenediphenyl diisocyanate	1-5%	26447-40-5	Not found	Not found	Not found



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## 8.2 EXPOSURE CONTROLS:

**IRRITANCY OF PRODUCT:** This product may be irritating to skin, respiratory system and eyes.

**SENSITIZATION TO THE PRODUCT:** This product contains chemicals that cause sensitization to the skin and lungs. Wear nitrile gloves and use respirator when handling.

**REPRODUCTIVE TOXICITY INFORMATION:** No specific information is available concerning the effects of this product and its components on the human reproductive system.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 TOXICITY:

No toxicity data available.

### 12.2 PERSISTENCE AND DEGRADABILITY:

When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life of less than 1 day. This material has a log octanol-water partition coefficient of less than 3.0. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals.

### 12.3 BIOACCUMULATIVE POTENTIAL:

This material is not expected to significantly bioaccumulate.

### 12.4 MOBILITY IN SOIL:

When released into the soil, this material may leach into groundwater. When released into the soil, this material may evaporate to a moderate extent. When released into water, this material may biodegrade to a moderate extent.

### 12.5 RESULTS OF PBT AND vPvB ASSESSMENT:

No specific data available on this product.

### 12.6 OTHER ADVERSE EFFECTS:

This material has been tested by Wildlife, Fish, and Conservation Biology Dept., University of California, Davis and is not expected to be toxic to aquatic life.

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

### 12.7 WATER ENDANGERMENT CLASS:

Not expected to be water endangering in accordance with EU Guideline 91/155-EWG. Do not allow product to reach ground water, water course or sewage system.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS:

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

### 13.2 EU WASTE CODE:

Not determined

## SECTION 14. TRANSPORTATION INFORMATION

**14.1 U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:** This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows:

**NOTE: For domestic highway transportation this product is "not regulated in containers of not more than 119 gallons" per 49CFR173.120.**

#### BULK SHIPMENTS:

UN IDENTIFICATION NUMBER:	UN1263
PROPER SHIPPING NAME:	Paint
HAZARD CLASS NUMBER and DESCRIPTION:	Class 3 Flammable
PACKING GROUP:	PGIII

DOT LABEL(S) REQUIRED: Flammable liquid

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER: 128

RQ QUANTITY: None

### 14.2 ENVIRONMENTAL HAZARDS:





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**MARINE POLLUTANT:** The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

**14.3 SPECIAL PRECAUTION FOR USER:** None

**14.4 INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA):** This product is considered as dangerous goods.

**PROPER SHIPPING NAME:** Paint  
**HAZARD CLASS NUMBER and DESCRIPTION:** Class 3 Flammable  
**UN IDENTIFICATION NUMBER:** UN1263  
**PACKING GROUP:** PGIII  
**DOT LABEL(S) REQUIRED:** Flammable  
Limited QTY – Max net Qty per package 10.0 L Packaging Instruction Y344  
Max net Qty per Package Passenger and Cargo Aircraft 60L Packaging Instruction 355  
Max net Qty per Package Cargo Aircraft 220L Packaging Instruction 366  
ERG Code 3L

**14.5 INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO):** This product is considered as dangerous goods.

**PROPER SHIPPING NAME:** Paint  
**HAZARD CLASS NUMBER and DESCRIPTION:** Class 3 Flammable  
**UN IDENTIFICATION NUMBER:** UN1263  
**PACKING GROUP:** PGIII  
**DOT LABEL(S) REQUIRED:** Flammable

**14.6 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND IBC CODE:**

**EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):** This product is considered by the United Nations Economic Commission for Europe to be dangerous goods.

## SECTION 15. REGULATORY INFORMATION

**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE:**

**UNITED STATES REGULATIONS:**

**U.S. SARA REPORTING REQUIREMENTS:** The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows:

**SARA 313 REPORTING:** None

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** Not found.

**U.S. TSCA INVENTORY STATUS:** The components of this product are listed on the TSCA Inventory or are exempted from listing.

**OTHER U.S. FEDERAL REGULATIONS:** None known

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** This product does not contain ingredients that are on the Proposition 65 List.

**15.2 CANADIAN REGULATIONS:**

**CANADIAN DSL/NDSL INVENTORY STATUS:** All components are DSL Listed, NDSL Listed and/or are exempt from listing.

**OTHER CANADIAN REGULATIONS:** Not applicable.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** This product is a CLASS B-3: Combustible liquid with a flash between 37.8°C and 93.3°C, CLASS D-2A: Very Toxic Material, CLASS D-2B: Material causing other toxic effects., per WHMIS Controlled Product Regulations.



**15.3 EUROPEAN ECONOMIC COMMUNITY INFORMATION:**

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

See Section 2 for Details.

**CHEMICAL SAFETY ASSESSMENT:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**15.4 AUSTRALIAN INFORMATION FOR PRODUCT:** The components of this product are listed on the International Chemical Inventory list.

**15.5 JAPANESE INFORMATION FOR PRODUCT:**

**JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:** The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

**JAPANESE ENCS INVENTORY:** The components of this product are on the ENCS Inventory as indicated in the section on International Chemical Inventories, below.

**POISONOUS AND DELETERIOUS SUBSTANCES CONTROL LAW:** No component of this product is a listed Specified Poisonous Substance under the Poisonous and Deleterious Substances Control Law.

**15.6 INTERNATIONAL CHEMICAL INVENTORIES:**

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

Swiss Giftliste List of Toxic Substances: Listed

U.S. TSCA: Listed

**EUROPEAN UNION INFORMATION:**

**EMERGENCY OVERVIEW:**

**Product Description:** This product is a pale yellow liquid with a strong odor.

**Health Hazards:** Harmful if swallowed or inhaled (Aspiration hazard). Causes irritation to skin, eyes and respiratory tract.

**Flammability Hazards:** Combustible Liquid Flash point >110°F (>43.3°C)

**Reactivity Hazards:** This product is reactive.

**Environmental Hazards:** Release of the product is not expected to cause adverse effects to the aquatic environment.

**Emergency Recommendations:** Emergency responders must have personal protective equipment and fire protection appropriate for the situation to which they are responding.

US DOT SYMBOLS

CANADA (WHMIS) SYMBOL(S)

EUROPEAN and (GHS) Hazard Symbol(s)

SEE SECTION 14 FOR DETAILS



Signal Word: **Danger!**

**2.1 EU LABELING AND CLASSIFICATION:**

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

**EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:**

EC# Proprietary This substance is not classified in the Annex I of Directive 67/548/EEC

EC# 204-658-1 Annex1 Index# 607-025-00-1

EC# 215-535-7 Annex1 Index# 601-022-00-9

EC# 265-199-0 Annex1 Index# 649-356-00-4

EC# 201-039-8 This substance is not classified in the Annex I of Directive 67/548/EEC

CAS# 9004-36-8 Not Listed in ESIS

Substances not listed either individually or in group entries must be self classified.



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## SECTION 16. OTHER INFORMATION

### **ABBREVIATIONS AND ACRONYMS:**

EPA: United States Environmental Protection Agency

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

**PREPARED BY:** V.C. Bud Jenkins, BS, MBA, JD, Certified Hazardous Materials Manager, Certified Hazardous Waste Practitioner.

**DATE:** October 19, 2019

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**END OF SDS SHEET**