




This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> A1061 COLD ZINC	<b>Date Prepared:</b> 05-23-2015
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-866-836-8855
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

## Section 2 ~ Hazard(s) Identification

<b>Classifications</b>	Flammable aerosols Skin corrosion/irritation Reproductive toxicity	Category 1 Category 2 Category 2
<b>Health Hazards</b>	Specific target organ toxicity, single exposure narcotic effects Specific target organ toxicity, repeated exposure Aspiration hazard	Category 3 Category 2 Category 1
<b>OSHA Defined Hazards</b>	Not classified.	
<b>Label Elements</b>	  	<b>Signal Word:</b> Danger
<b>Hazard Statement</b>	Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.	
<b>Precautionary Statement</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.	
<b>Response</b>	<b>If swallowed:</b> Immediately call a poison center/doctor. Do NOT induce vomiting. <b>If on skin:</b> Wash with plenty of water. <b>If inhaled:</b> Remove person to fresh air and keep comfortable for breathing. <b>If exposed or concerned:</b> Get medical advice/attention. Call a poison center/doctor if you feel unwell. <b>If skin irritation occurs:</b> Get medical advice/attention. Take off contaminated clothing and wash before reuse.	
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.	
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.	
<b>Environmental Hazards</b>	Hazardous to the aquatic environment, acute Hazard Hazardous to the aquatic environment, long-term hazard	Category 2 Category 2
<b>Hazard(s) not otherwise Classified (HNOC)</b>	None known	<b>Supplemental Information</b> None

## Section 3 ~ Composition/Information on Ingredients

Chemical Name	CAS No.	%(Wt.)
Butane	106-97-8	20 – 40
Toluene	108-88-3	20 – 40
Propane	74-98-6	10 – 20
Zinc (metallic)	7440-66-6	10 – 20
Distillates (Petroleum), Hydrotreated Light	64742-47-8	1 – 2.5
Mineral Spirits	8052-41-3	0.1 – 1
Zinc Oxide	1314-13-2	0.1 – 1
Cadmium	7440-43-9	0.01 – 0.1
Other components below reportable levels		2.5 – 10

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## Section 4 ~ First Aid Measures

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.  
**Skin Contact:** Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.  
**Eye Contact:** Rinse with water. Get medical attention if irritation develops and persists.  
**Ingestion:** Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.  
**Most important Symptoms/Effects, Acute and Delayed:** Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.  
**Indication of Immediate Medical Attention and Special Treatment Needed:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.  
**General Information:** IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

## Section 5 ~ Fire Fighting Measures

**Suitable Extinguishing Media:** Foam. Powder. Dry sand. Carbon dioxide (CO<sub>2</sub>). **Unsuitable Extinguishing Media:** Water  
**Specific Hazards Arising from the Chemical:** Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.  
**Special Protective Equipment and Precautions for Firefighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.  
**Fire-Fighting Equipment/Instructions:** Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.  
**Specific Methods:** Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.  
**General Fire Hazards:** Extremely flammable aerosol.

## Section 6 ~ Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.  
**Methods and Materials for Containment And Cleaning Up:** Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent entry into waterways, sewer, basements or confined areas. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. **Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.  
**Environmental Precautions:** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## Section 7 ~ Handling and Storage

**Precautions for Safe Handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. Level 2 Aerosol.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8 ~ Exposure Controls/Personal Protection

### Occupational Exposure Limits:

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)				US. ACGIH Threshold Limit Values			
Components	Type	Value	Form	Components	Type	Value	Form
Cadmium (7440-43-9)	TWA	0.005 mg/m3		Butane (106-97-8)	STEL	1000 ppm	
<b>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</b>				Cadmium (7440-43-9)	TWA	0.01 mg/m3	
Mineral Spirits (8052-41-3)	PEL	2900mg/m3 500 ppm		Mineral Spirits (8052-41-3)	TWA	100 ppm	
Propane (74-98-6)	PEL	1800 mg/m3 1000 ppm		Toluene (108-88-3)	TWA	20 ppm	
Zinc Oxide (1314-13-2)	PEL	5 mg/m3	Respirable fraction	Zinc Oxide (1314-13-2)	STEL	10 mg/m3	Respirable fraction
		5 mg/m3	Fume.		TWA	2 mg/m3	Respirable fraction
		15 mg/m3	Total dust	<b>US. NIOSH: Pocket Guide to Chemical Hazards</b>			
<b>US. OSHA Table Z-2 (29 CFR 1910.1000)</b>				Butane (106-97-8)	TWA	1900mg/m3 800ppm	
Cadmium (7440-43-9)	Ceiling	0.6 mg/m3	Dust	Mineral Spirits (8052-41-3)	Ceiling	1800 mg/m3	
		0.3 mg/m3	Fume		TWA	350 mg/m3	
	TWA	0.2 mg/m3	Dust	Propane (74-98-6)	TWA	1800 mg/m3 1000 ppm	
		0.1 mg/m3	Fume	Toluene (108-88-3)	STEL	560 mg/m3 150 ppm	
Toluene (108-88-3)	Ceiling	300 ppm			TWA	375 mg/m3 100 ppm	
	TWA	200 ppm		Zinc Oxide (1314-13-2)	Ceiling	15 mg/m3	Dust
					STEL	10 mg/m3	Fume
					TWA	5 mg/m3	Fume
						5 mg/m3	Dust

### Biological Limit Values

### ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Cadmium (7440-43-9)	5 µg/g	Cadmium	Creatinine in urine	*
	5 µg/g	Cadmium	Blood	*
Toluene (108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*

\* - For sampling details, please see the source document.

### Exposure Guidelines

**US - California OELs: Skin Designation:** Toluene (108-88-3) Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin Designation Applies:** Toluene (CAS 108-88-3) Skin designation applies.

**Appropriate Engineering Controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

### Individual Protection Measures, Such as Personal Protective Equipment

**Eye/Face Protection:** Wear safety glasses with side shields (or goggles).

### Skin Protection

**Hand Protection:** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

**Other:** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory Protection:** If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

**Thermal Hazards:** Wear appropriate thermal protective clothing, when necessary.

**General Hygiene Considerations:** Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9 ~ Physical Chemical Properties

**Physical State:** Gas.

**Form:** Aerosol.

**Color:** Not available.

**Odor:** Not available.

**Odor Threshold:** Not available.

**pH:** Not available.

**Melting Point/Freezing Point:** Not available.

**Initial Boiling Point and Boiling Range:** 302°F(150°C) estimated

**Flash Point:** -156.0°F (-104.4°C) propellant estimated

**Evaporation Rate:** Not available.

**Flammability (solid, gas):** Not available.

**Upper/Lower Flammability or Explosive Limits**

**Flammability Limit – Lower (%):** 2.3% estimated

**Flammability Limit – Upper (%):** Not available.

**Explosive Limit - Lower (%):** Not available.

**Explosive Limit - Upper (%):** Not available.

**Vapor Pressure:** Not available.

**Vapor Density:** Not available.

**Relative Density:** Not available.

**Solubility(ies)**

**Solubility (water):** Not available.

**Partition Coefficient (n-octanol/water):** Not available.

**Auto-Ignition Temperature:** 827.48°F (441.93°C) estimated

**Decomposition Temperature:** Not available.

**Viscosity:** Not available.

**Other Information**

**Explosive Properties:** Not explosive.

**Oxidizing Properties:** Not oxidizing.

**Specific Gravity:** 0.912 estimated

## Section 10 ~ Stability and Reactivity

**Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical Stability:** Material is stable under normal conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization does not occur.

**Conditions to Avoid:** Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible Materials:** Strong oxidizing agents. Nitrates. Fluorine. Chlorine.

**Hazardous Decomposition Products:** No hazardous decomposition products are known.

## Section 11 ~ Toxicological Information

### Information on Likely Routes of Exposure

**Inhalation:** May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

**Skin Contact:** Causes skin irritation.

**Eye Contact:** Direct contact with eyes may cause temporary irritation.

**Ingestion:** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Symptoms Related to The Physical, Chemical and Toxicological Characteristics:** Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain.

**Information on Toxicological Effects**

**Acute Toxicity:** May be fatal if swallowed and enters airways. Narcotic effects.

<u>Components</u>	<u>Species</u>	<u>Test Results</u>
<b>Butane (106-97-8)</b>		
Acute Inhalation LC50	Mouse	1237 mg/l, 120 Minutes 52%, 120 Minutes
	Rat	1355 mg/l
<b>Cadmium (7440-43-9)</b>		
Acute Inhalation LC50	Mouse	>9.02 mg/m3, 15 Minutes
Vapor LC50	Mouse, Rat	>1 mg/m3, 3 Hours
LC50	Rabbit	>22.4 mg/m3, 15 Minutes
Aerosol LC50	Rabbit	>4.5 mg/m3, 2 Hours
	Rat	>8.63 mg/m3, 30 Minutes >4.6 mg/m3, 3 Hours >4.5 mg/m3, 2 Hours
Oral LD50	Mouse	63 mg/kg
	Rat	63 – 259 mg/kg
<b>Propane (74-98-6)</b>		
Acute Inhalation LC50	Mouse	1237 mg/l, 120 Minutes 52%, 120 Minutes
	Rat	1355 mg/l 658 mg/l/4h
<b>Toluene (108-88-3)</b>		
Acute Dermal LD50	Rabbit	>5000 mg/kg, 24 Hours
Inhalation LC50	Mouse	6405 – 7436 ppm, 6 Hours 5320 ppm, 8 Hours
	Rat	5879 – 6281 ppm, 6 Hours 25.7 mg/l, 4 Hours
Oral LD50	Rat	>5000 mg/kg
<b>Zinc (Metallic) (7440-66-6)</b>		
Acute Inhalation LC50	Rat	>5410 mg/m3
Oral LD50	Rat	>2000 mg/m3
<b>Zinc Oxide (1314-13-2)</b>		
Acute Dermal LD50	Rat	>2000 mg/kg, 24 Hours
Inhalation LC50	Rat	>5700 mg/m3
Oral LD50	Mouse	2000 – 5000 mg/kg
	Rat	>5000 mg/kg

\* Estimates for product may be based on additional component data not shown.

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Eye Irritation:** Direct contact with eyes may cause temporary irritation.

**Respiratory or Skin Sensitization**

**Respiratory Sensitization:** Not a respiratory sensitizer.

**Skin Sensitization:** This product is not expected to cause skin sensitization.

**Germ Cell Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity:** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Cadmium (7440-43-9)	If <1L: Consumer Commodity Carcinogenic to humans.
Toluene (108-88-3)	3 Not classifiable as to carcinogenicity to humans.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Cadmium (7440-43-9)	Cancer
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**US. National Toxicology Program (NTP) Report on Carcinogens**

Cadmium (7440-43-9)	Known to Be Human Carcinogen.
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**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity - Single Exposure:** May cause drowsiness and dizziness.

**Specific Target Organ Toxicity - Repeated Exposure:** Respiratory system. Skin. Kidneys. Central nervous system. Eyes. Liver. May cause damage to organs through prolonged or repeated exposure.

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Chronic Effects:** May cause damage to organs through prolonged or repeated exposure.

**Section 12 ~ Ecological Information**

**Ecotoxicity:** Toxic to aquatic life with long lasting effects.

<u>Product</u>	<u>Species</u>	<u>Test Results</u>
<b>13 Oz Omega Cold Zinc Lb 24pk(2-12pk)</b>		
<b>Aquatic</b>		
Algae	IC50	Algae 1170.6477 mg/L, 72 Hours estimated
Crustacea	EC50	Daphnia 10.22 mg/l, 48 Hours estimated
Fish	LC50	Fish 52.7279 mg/L, 96 Hours estimated
<b>Components</b>	<b>Species</b>	<b>Test Results</b>
<b>Cadmium (7440-43-9)</b>		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) 0.0491 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss) 0.0024 - 0.0029 mg/l, 96 hours
<b>Toluene (108-88-3)</b>		
<b>Aquatic</b>		
Algae	IC50	Algae 433.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia 7.645 mg/L, 48 hours Water flea (Daphnia magna) 5.46 – 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon, silver salmon (Oncorhynchus kisutch) 8.11 mg/l, 96 hours
<b>Zinc (metallic) (7440-66-6)</b>		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) 2.8 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss) 0.56 mg/l, 96 hours
<b>Zinc Oxide (1314-13-2)</b>		

Aquatic  
Fish LC50 Fathead minnow (Pimephales promelas) 2246 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.  
**Persistence and Degradability:** No data is available on the degradability of this product.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

Butane 2.89 Mineral Spirits 3.16 - 7.15

Propane 2.36 Toluene 2.73

**Mobility in Soil:** No data available.

**Other Adverse Effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**Section 13 ~ Disposal Considerations**

**Disposal Instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local Disposal Regulations:** Dispose in accordance with all applicable regulations.

**Hazardous Waste Code:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from Residues / Unused Products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated Packaging:** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

**Section 14 ~ Transport Information**

US Depart. of Transportation (DOT)	Water Transportation (IMDG)	Air Transportation (IATA)
<b>UN Number:</b> UN1950	<b>UN Number:</b> UN1950	<b>UN number:</b> UN1950
<b>UN Proper Shipping Name:</b> Aerosols, flammable, (each not exceeding 1 L capacity)	<b>UN Proper Shipping Name:</b> AEROSOLS	<b>UN Proper Shipping Name:</b> Aerosols, flammable
<b>Class:</b> 2.1	<b>Class:</b> 2.1	<b>Class:</b> 2.1
<b>Transport Hazard Class(es)</b>	<b>Transport Hazard Class(es)</b>	<b>Transport Hazard Class(es)</b>
<b>Subsidiary Risk -</b>	<b>Subsidiary Risk -</b>	<b>Subsidiary Risk -</b>
<b>Label(s):</b> 2.1	<b>Label(s):</b> 2.1	<b>Label(s):</b> 2.1
<b>Packing Group:</b> Not applicable.	<b>Packing Group:</b> Not applicable.	<b>Packing Group:</b> Not applicable.
<b>Special Provisions:</b> N82	<b>Marine Pollutant:</b> Yes	<b>Environmental Hazards:</b> Yes
<b>Packaging Exceptions:</b> 306	<b>Environmental Hazards</b>	<b>ERG Code:</b> 10L
<b>Packaging Non Bulk:</b> None	<b>EmS:</b> F-D, S-U	<b>Other Information</b>
<b>Packaging Bulk:</b> None	<b>Packaging Exceptions:</b> LTD QTY	<b>Passenger and Cargo Aircraft:</b> Allowed with restrictions.
	<b>Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:</b> Not applicable.	<b>Cargo Aircraft Only:</b> Allowed with restrictions.
		<b>Packaging Exceptions:</b> LTD QTY

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

**Special precautions for user:** Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.

DOT

IATA:IMDG



Marine Pollutant

**General Information:** IMDG Regulated Marine Pollutant.

**Section 15 ~ Regulatory Information**

**US Federal Regulations:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

Cadmium (7440-43-9) Listed.  
Toluene (108-88-3) Listed.  
Zinc (metallic) (7440-66-6) Listed.

**SARA 304 Emergency Release Notification:** Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Cadmium (CAS 7440-43-9) Cancer  
Lung  
Kidney  
Acute toxicity

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard Categories:** Immediate Hazard – Yes Delayed Hazard – Yes Fire Hazard - Yes  
Pressure Hazard – No Reactivity Hazard - No

**SARA 302 Extremely Hazardous Substance:** Not listed.

**SARA 311/312 Hazardous Chemical:** No

**SARA 313 (TRI reporting)**

Chemical Name	CAS Number	% by wt.
Toluene	108-88-3	20 - 40
Zinc (metallic)	7440-66-6	10 - 20
Cadmium	7440-43-9	0.01 - 0.1

**Other Federal Regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Cadmium (7440-43-9) Toluene (108-88-3)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Butane (106-97-8) Propane (74-98-6)

**Safe Drinking Water Act (SDWA):** Not regulated.

**Drug Enforcement Administration (DEA), List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

Toluene (108-88-3) 6594

**Drug Enforcement Administration (DEA), List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

Toluene (108-88-3) 35 % WV

**DEA Exempt Chemical Mixtures Code Number**

Toluene (108-88-3) 594

**US State Regulations**

**US, California Controlled Substances, CA Department of Justice (California Health and Safety Code Section 11100):** Not listed.

**US, California, Candidate Chemicals List, Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

Butane (106-97-8) Cadmium (7440-43-9) Mineral Spirits (8052-41-3)  
Toluene (108-88-3) Zinc (metallic) (7440-66-6)

Butane (106-97-8)	Butane (106-97-8)	Butane (106-97-8)	Butane (106-97-8)
Cadmium (7440-43-9)	Cadmium (7440-43-9)	Cadmium (7440-43-9)	Cadmium (7440-43-9)
Mineral Spirits (8052-41-3)	Propane (74-98-6)	Mineral Spirits (8052-41-3)	Propane (74-98-6)
Propane (74-98-6)	Toluene (108-88-3)	Propane (74-98-6)	Toluene (108-88-3)
Toluene (108-88-3)	Zinc (metallic) (7440-66-6)	Toluene (108-88-3)	Zinc (metallic) (7440-66-6)
Zinc (metallic) (7440-66-6)	Zinc Oxide (1314-13-2)	Zinc (metallic) (7440-66-6)	Zinc Oxide (1314-13-2)
Zinc Oxide (1314-13-2)		Zinc Oxide (1314-13-2)	

**US - California Proposition 65:** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic Substance:** Cadmium (7440-43-9) Listed: October 1, 1987  
Lead (7439-92-1) Listed: October 1, 1992

**US - California Proposition 65 - CRT: Listed date/Developmental Toxin**

Cadmium (7440-43-9) Listed: May 1, 1997  
Lead (7439-92-1) Listed: February 27, 1987  
Toluene (108-88-3) Listed: January 1, 1991

**US - California Proposition 65 - CRT: Listed date/Female Reproductive Toxin**

Lead (7439-92-1) Listed: February 27, 1987

**US - California Proposition 65 - CRT: Listed date/Male Reproductive Toxin**

Cadmium (7440-43-9) Listed: May 1, 1997  
Lead (7439-92-1) Listed: February 27, 1987

#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

#### Section 16 ~ Other Information

	NFPA	HMIS	Key
HEALTH	3	3	4= Severe
FLAMMABILITY	4	4	3= Serious
REACTIVITY	1	0	2= Moderate
OTHER/PROTECTION	-	X	1= Slight
			0= Minimal

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