



**SAFETY DATA SHEET**  
**CHROMATE INDUSTRIAL CORPORATION®**  
 5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

**FOR CHEMICAL  
EMERGENCY**  
 Call ChemTrec day/night:  
**1-800-424-9300**

**1. IDENTIFICATION**

<b>PRODUCT NAME:</b> Red Lion Cold Zinc Galvanizing Aerosol	<b>DATE PREPARED:</b> June 11, 2015
<b>PART NUMBER:</b> 74112	<b>MANUFACTURER:</b> CHROMATE INDUSTRIAL CORPORATION 5250-A Naiman Parkway, Solon, OH 44139 • www.chromate.com
<b>RECOMMENDED USE:</b> Not available.	<b>EMERGENCY TELEPHONE NUMBER OF THE COMPANY:</b> (888) 567-2206
<b>RECOMMENDED RESTRICTIONS:</b> None known.	<b>PRODUCT INFORMATION TELEPHONE NUMBER:</b> (888) 567-2206
	<b>REGULATORY INFORMATION TELEPHONE NUMBER:</b> (888) 567-2206
	<b>TRANSPORTATION EMERGENCY TELEPHONE NUMBER:</b> (800) 424-9300
	<b>NATIONAL POISON CENTER:</b> (800) 222-1222

**2. HAZARDS IDENTIFICATION**

<b>Physical hazards:</b>	Flammable aerosols - Category 1
<b>Health hazards:</b>	Skin corrosion/irritation - Category 2 Reproductive toxicity (the unborn child) - Category 2 Specific target organ toxicity, repeated exposure - Category 2 Aspiration hazard - Category 1
<b>Environmental hazards:</b>	Not classified.
<b>OSHA defined hazards:</b>	Not classified.

**Label elements:**



<b>Signal word:</b>	Danger
<b>Hazard statements:</b>	Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.

## 2. HAZARDS IDENTIFICATION CONTINUED

<b>Storage:</b>	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>Hazard(s) not otherwise classified (HNOC):</b>	None known.
<b>Supplemental information:</b>	None.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Zinc (metallic)		7440-66-6	40 - 60
Toluene		108-88-3	10 - 20
Isobutane		75-28-5	2.5 - 10
Propane		74-98-6	2.5 - 10
Solvent Naphtha (petroleum), Light Aliph.		64742-89-8	2.5 - 10
Xylene		1330-20-7	1 - 2.5
Zinc Oxide		1314-13-2	1 - 2.5
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.

## 4 FIRST-AID MEASURES

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact:</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact:</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion:</b>	Rinse mouth. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed:** Dizziness. Aspiration may cause pulmonary edema and pneumonitis. 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.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Powder. Foam. Dry sand. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media:</b>	Water.
<b>Specific hazards arising from the chemical:</b>	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
<b>Special protective equipment and precautions for firefighters:</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Fire-fighting equipment/instructions:</b>	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.
<b>Specific methods:</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from the fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
<b>General fire hazards:</b>	Extremely flammable aerosol.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures:</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breath 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.
<b>Methods and materials for containment and cleaning up:</b>	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions:</b>	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.

## 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. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:** Level 1 Aerosol. 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. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure limits

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
Cadmium (CAS 7440-43-9)	TWA	0.005 mg/m <sup>3</sup>

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Propane (CAS 74-98-6)	PEL	1800 mg/m <sup>3</sup>	
		1000 ppm	
Xylene (CAS 1330-20-7)	PEL	435 mg/m <sup>3</sup>	
		100 ppm	
Zinc Oxide (CAS 1314-13-2)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.
		5 mg/m <sup>3</sup>	Fume.
		15 mg/m <sup>3</sup>	Total dust.

#### US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value	Form
Cadmium (CAS 7440-43-9)	Ceiling	0.6 mg/m <sup>3</sup>	Dust.
		0.3 mg/m <sup>3</sup>	Fume.
	TWA	0.2 mg/m <sup>3</sup>	Dust.
		0.1 mg/m <sup>3</sup>	Fume
Toluene (CAS 108-88-3)	Ceiling	300 ppm	
	TWA	200 ppm	

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Cadmium (CAS 7440-43-9)	TWA	0.1 mg/m <sup>3</sup>	
		0.002 mg/m <sup>3</sup>	Respirable fraction.
Isobutane (CAS 75-28-5)	STEL	1000 ppm	
Toluene (CAS 108-88-3)	TWA	20 ppm	
Xylene (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	
Zinc Oxide (CAS 1314-13-2)	STEL	10 mg/m <sup>3</sup>	Respirable fraction.
	TWA	2 mg/m <sup>3</sup>	Respirable fraction.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION CONTINUED**

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value	Form
Isobutane (CAS 75-28-5)	TWA	1900 mg/m <sup>3</sup> 800 ppm	
Propane (CAS 74-98-6)	TWA	1800 mg/m <sup>3</sup> 1000 ppm	
Toluene (CAS 108-88-3)	STEL	560 mg/m <sup>3</sup> 150 ppm	
	TWA	375 mg/m <sup>3</sup> 100 ppm	
Zinc Oxide (CAS 1314-13-2)	Ceiling	15 mg/m <sup>3</sup>	Dust.
	STEL	10 mg/m <sup>3</sup>	Fume.
	TWA	5 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>	Fume. Dust.

**Biological limit values**

**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Cadmium (CAS 7440-43-9)	5 µg/g	Cadmium	Creatinine in urine	*
	5 µg/l	Cadmium	Blood	*
Toluene (CAS 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	*
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

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

**Exposure guidelines**

**US - California OELs: Skin designation**

Toluene (CAS 108-88-3) Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

Toluene (CAS 108-88-3) Skin designation through the skin.

**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).

**Hand protection:** Wear appropriate chemical resistant gloves.

**Skin protection**

**Other:** Wear appropriate chemical resistant gloves. 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:** When using do not eat, drink or 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

<b>Physical state:</b>	Gas.
<b>Form:</b>	Aerosol.
<b>Color:</b>	Not available.
<b>Odor:</b>	Not available.
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	Not available.
<b>Melting point/freezing point:</b>	Not available.
<b>Initial boiling point and boiling range:</b>	-43.78°F (-42.1°C) estimated
<b>Flash point:</b>	-99.4°F (-73.0°C) Propellant estimated
<b>Evaporation rate:</b>	Not available.
<b>Flammability (solid, gas):</b>	Not available.
<b>Lower and upper flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	1.2% estimated.
<b>Flammability limit - upper (%)</b>	8% estimated.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure:</b>	2096.28 psig @ 70°F estimated.
<b>Vapor density:</b>	Not available.
<b>Relative density:</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water):</b>	Not available.
<b>Auto-ignition temperature:</b>	995°F (535°C) estimated
<b>Decomposition temperature:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>Other information</b>	
<b>Specific gravity</b>	4.313 estimated

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid:</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials:</b>	Strong acids. Strong oxidizing agents. Nitrates. Halogens. Fluorine. Chlorine.
<b>Hazardous decomposition products:</b>	No hazardous decomposition products are known.

## 11. TOXICOLOGICAL INFORMATION

### Information on the likely routes of exposure

<b>Ingestion:</b>	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
<b>Inhalation:</b>	May cause damage to organs through prolonged or repeated exposure by inhalation.
<b>Skin contact:</b>	Causes skin irritation.
<b>Eye contact:</b>	Direct contact with eyes may cause temporary irritation.

**Symptoms related to the physical, chemical and toxicological characteristics:** Dizziness. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain.

### Information on toxicological effects

**Acute toxicity:** May be fatal if swallowed and enters airways.

Components	Species	Test Results
Cadmium (CAS 7440-43-9)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Dog, Guinea pig, Monkey, Mouse, Rat	30 mg/m <sup>3</sup> , 15 Minutes
	Mouse	>9.02 mg/m <sup>3</sup> , 15 Minutes
	Mouse, Rat	>1 mg/m <sup>3</sup> , 3 Hours
	Rabbit	>22.4 mg/m <sup>3</sup> , 15 Minutes >4.5 mg/m <sup>3</sup> , 2 Hours 28.4 mg/m <sup>3</sup> , 4 Hours
	Rat	>10 mg/m <sup>3</sup> , 15 Minutes >8.63 mg/m <sup>3</sup> , 30 Minutes >4.6 mg/m <sup>3</sup> , 3 Hours >4.5 mg/m <sup>3</sup> , 2 Hours
LD50	Rat	>4.4 mg cd
<i>Oral</i>		
LD50	Mouse	63 mg/kg
	Rat	63 - 259 mg/kg
Isobutane (CAS 75-28-5)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 Minutes 52%, 120 Minutes
	Rat	1355 mg/l
Propane (CAS 74-98-6)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 Minutes 52%, 120 Minutes
	Rat	1355 mg/l 658 mg/l/4h

## 11. TOXICOLOGICAL INFORMATION CONTINUED

Solvent Naphtha (petroleum), Light Aliph. (CAS 64742-89-8)

**Acute***Dermal*

LD50 Rabbit &gt;1900 mg/kg, 24 Hours

*Inhalation*LC50 Rat >5020 mg/m<sup>3</sup>, 4 Hours>4980 mg/m<sup>3</sup>>4980 mg/m<sup>3</sup>, 4 Hours

&gt;4.96 mg/l, 4 Hours

*Oral*

LD50 Rat 4820 mg/kg

Toluene (CAS 108-88-3)

**Acute***Dermal*

LD50 Rabbit &gt;5000 mg/kg, 24 Hours

*Inhalation*

LC50 Mouse 6405 - 7436 ppm, 6 Hours

5320 ppm, 8 Hours

Rat

5879 - 6281 ppm, 6 Hours

12.5 - 28.8 mg/l, 4 Hours

*Oral*

LD50 Rat 5000 mg/kg

Xylene (CAS 1330-20-7)

**Acute***Dermal*

LD50 Rabbit &gt;5000 ml/kg, 4 Hours

12126 mg/kg, 24 Hours

*Inhalation*

LC50 Rat 5922 ppm, 4 Hours

*Oral*

LD50 Mouse 5251 mg/kg

Rat

3523 mg/kg

10 ml/kg

Zinc (metallic) (CAS 7440-66-6)

**Acute***Inhalation*LC50 Rat >5410 mg/m<sup>3</sup>

Zinc Oxide (CAS 1314-13-2)

**Acute***Inhalation*LC50 Rat >5700 mg/m<sup>3</sup>*Oral*

LD50 Mouse 2000 - 5000 mg/kg

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



## 11. TOXICOLOGICAL INFORMATION CONTINUED

<b>Skin corrosion/irritation:</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation:</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization:</b>	Not available.
<b>Skin sensitization:</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity:</b>	Risk of cancer cannot be excluded with prolonged exposure.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Cadmium (CAS 7440-43-9)	If <1L: Consumer Commodity Carcinogenic to humans.
Toluene (CAS 108-88-3)	3 Not classifiable as to carcinogenicity to humans.
Xylene (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.

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

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

Cadmium (CAS 7440-43-9)	Known To Be Human Carcinogen.
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**Reproductive toxicity:** Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging the unborn child.

**Specific target organ toxicity - single exposure:** Not classified.

**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:** Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Very toxic to aquatic life with long lasting effects.

Components		Species	Test Results
Cadmium (CAS 7440-43-9)			
<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
Toluene (CAS 108-88-3)			
<b>Aquatic</b>			
Algae	IC50	Algae	433.0001 mg/L, 72 hours
Crustacea	EC50	Daphnia water flea (Daphnia magna)	7.645 mg/L, 48 hours
Fish	LC50	Coho salmon, silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours
Xylene (CAS 1330-20-7)			
<b>Aquatic</b>			
Fish	LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours
Zinc (metallic) (CAS 7440-66-6)			
<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
Zinc Oxide (CAS 1314-13-2)			
<b>Aquatic</b>			
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:** No data available.

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

Isobutane	2.76
Propane	2.36
Toluene	2.73
Xylene	3.12 - 3.2

**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.

### 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.

**US RCRA Hazardous Waste U List: Reference**

Toluene (CAS 108-88-3)	U220
Xylene (CAS 1330-20-7)	U239

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

### 14. TRANSPORT INFORMATION

**DOT**

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable, (each not exceeding 1 L capacity)
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	N82
<b>Packaging exceptions</b>	306
<b>Packaging non bulk</b>	None
<b>Packaging bulk</b>	None

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.

**IATA**

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	Yes.
<b>ERG Code</b>	10L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed.
<b>Cargo aircraft only</b>	Allowed.
<b>Packaging exceptions</b>	LTD QTY

**14. TRANSPORT INFORMATION CONTINUED**

**IMDG**

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes.
<b>EmS</b>	F-D, S-U
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Packaging exceptions</b>	LTD QTY
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable.

**DOT**

**IATA; IMDG**

**Marine pollutant**



**General Information**

IMDG Regulated Marine Pollutant

**15. REGULATORY INFORMATION**

**U.S. Federal regulations:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

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

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

Cadmium (CAS 7440-43-9)	Listed.
Toluene (CAS 108-88-3)	Listed.
Xylene (CAS 1330-20-7)	Listed.
Zinc (metallic) (CAS 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)**

<b>Hazard categories</b>	Immediate Hazard - Yes
	Delayed Hazard - Yes
	Fire Hazard - Yes
	Pressure Hazard - No
	Reactivity Hazard - No

## 15. REGULATORY INFORMATION CONTINUED

**SARA 302 Extremely hazardous substance:** Not listed.

**SARA 311/312 hazardous chemical:** No.

**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Zinc (metallic)	7440-66-6	40 - 60
Toluene	108-88-3	10 - 20
Xylene	1330-20-7	1 - 2.5
Aluminium Oxide	1334-28-1	0.1 - 1
Ethyl Benzene	100-41-4	0.1 - 1
Cadmium	7440-43-9	0.01 - 0.1
Lead	7439-92-1	0.01 - 0.1

**Other federal regulations**

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

Cadmium (CAS 7440-43-9)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)

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

Isobutane (CAS 75-28-5)  
 Propane (CAS 74-98-6)

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

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1320.04(f)(2) and Chemical Code Number**

Toluene (CAS 108-88-3) 6594

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

Toluene (CAS 108-88-3) 35% WV

**DEA Exempt Chemical Mixtures Code Number**

Toluene (CAS 108-88-3) 594

**US State Regulations**

**US. Massachusetts RTK - Substance List**

Cadmium (CAS 7440-43-9)  
 Isobutane (CAS 75-28-5)  
 Propane (CAS 74-98-6)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)  
 Zinc (metallic) (CAS 7440-66-6)  
 Zinc Oxide (CAS 1314-13-2)

**US. New Jersey Worker and Community Right-to-Know Act**

Cadmium (CAS 7440-43-9)  
 Isobutane (CAS 75-28-5)  
 Propane (CAS 74-98-6)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)  
 Zinc (metallic) (CAS 7440-66-6)  
 Zinc Oxide (CAS 1314-13-2)

## 15. REGULATORY INFORMATION CONTINUED

**US. Pennsylvania Worker and Community Right-to-Know Law**

Cadmium (CAS 7440-43-9)  
 Isobutane (CAS 75-28-5)  
 Propane (CAS 74-98-6)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)  
 Zinc (metallic) (CAS 7440-66-6)  
 Zinc Oxide (CAS 1314-13-2)

**US. Rhode Island RTK**

Cadmium (CAS 7440-43-9)  
 Isobutane (CAS 75-28-5)  
 Propane (CAS 74-98-6)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)  
 Zinc (metallic) (CAS 7440-66-6)  
 Zinc Oxide (CAS 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 (CAS 7440-43-9)	Listed: October 1, 1987
Ethyl Benzene (CAS 100-41-4)	Listed: June 11, 2004
Lead (CAS 7439-92-1)	Listed: October 1, 1992

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

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

**US - California Proposition 65 - CRT: Listed date/Female reproductive toxin**

Lead (CAS 7439-92-1)	Listed: February 27, 1987
Toluene (CAS 108-88-3)	Listed: August 7, 2009

**US - California Proposition 65 - CRT: Listed date/Male reproductive toxin**

Cadmium (CAS 7440-43-9)	Listed: May 1, 1997
Lead (CAS 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)	No
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).

**16. OTHER INFORMATION****Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.