

MATERIAL SAFETY DATA SHEET

***In Case Of Emergency call : 1-888-COR-FREE or Fax: 1-905-840-5131
1-888-267-3733***

CORROSION FREE OF NORTH AMERICA INC.

21-A Regan Road
BRAMPTON, ONTARIO
L7A 1C5

302 E. Standing Springs Road
SIMPSONVILLE, SC
29680

SECTION I

Product Identification: Corrosion FREE, Formula 8000 Industrial
aerosol – ORM-D Consumer Commodity

Application: Chemical compound formulated as a corrosion/rust inhibiting and lubricating treatment for ferrous and non-ferrous metals and specifically for corrosion protection in industrial environments where acid fume, salt spray and high humidity result in flash corrosion of metal parts in manufacturing processes.

SECTION II

Chemical Composition: Proprietary Mixture
This mixture is in compliance with TSCA.

Hazardous Ingredients: 1) Propane {Cas# 74-98-6} - 10-30% by weight
2) Isobutane {Cas# 75-28-5} - 5-15% by weight

SECTION III

Composition: Proprietary blend of lubricating oils, moisture displacers and corrosion inhibitors

OSHA PEL
5 mg /m³ (oil mist)



SECTION IV

PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 260° C

Specific Gravity : .860

Vapor Pressure: Less than .001 KPW

Melting Point : Not Applicable

Vapor Density: N/A

Evaporation Rate: Slower than Butyl Acetate

Solubility in Water: Negligible

Appearance: Green Liquid

Odor: Practically odorless

SECTION V

Fire and Explosion Hazard Data

Flash Point: N/A **Method :**

Flammable Limits: The flammability of an aerosol by WHMIS definition is determined by its flame-extension or its flashback. The flame-extension of this product is greater than 45 cm. FIRE CODE: Level 3 Aerosol (as per NFPA 30B).

Do not use in the presence of open flame or spark.

Do not place in hot water or near radiators, stoves or other sources of heat.

Extinguishing Method: CO 2, Dry Chemical Foam, Water Spray

Fire Explosion Hazards: This product is EXTREMELY FLAMMABLE AEROSOL

Fire Hazard Identification: NFPA STD. 704

Risk of Explosion: Risks of explosion of the product in presence of mechanical impact: Do NOT subject aerosol cans to impact. Risks of explosion of the product in presence of static discharge: Aerosol spray may be sensitive to static discharge due to flammable propellant. Vapours of this product may form a flammable/explosive mixture with air in enclosed areas and come into contact with open flames, sparks or static discharge. Do NOT expose aerosol containers to open flames, heat or ignition sources. Container may explode if heated.

SECTION VI

Reactivity Data

Stability: Stable

Hazardous Decomposition: Burning may produce normal products of combustion including :
Oxides of Carbon, Oxides of Sulfur, Oxides of Nitrogen.

Hazardous Polymerization: Will not occur

SECTION VII

Toxicity Data

* Estimated acute LD50 greater than 5000 mg / kg (rat oral) : practically non-toxic. Base oil is negative when tested by the modified AMES test.

ACUTE EXPOSURE

Eye: Mildly irritating to eyes.

Skin: Mildly irritating to skin.

Ingestion: Practically Non-Toxic, estimated LD50 is greater than 5 g /kg (rat oral) .
Has a laxative effect.

* Based on toxicity of base oils

Effects of over exposure

Inhalation: Propane – Simple asphyxiant
Inhalation of oil mists or vapors from hot oil may cause irritation of the upper respiratory tract and chemical pneumonitis.

Section VII continued next page

SECTION VII Continued.

Skin and Eyes: Mildly irritating to eyes. Prolonged or repeated contact with skin may cause mild irritation and possibly dermatitis.

Ingestion: Low toxicity on ingestion. Has a laxative effect.

Carcinogen city : Non- Carcinogenic

Emergency and First Aid Procedures

Skin: Remove contaminated clothing - launder before re-use. Soap and water wash. Discard saturated leather articles.

Eyes: Copious warm water flush for 15 minutes. Physician assessment if eyes inflamed.

Inhalation: Vapor pressure of this material is low. Evacuate to fresh air. Apply Cardio Pulmonary Resuscitation if required. If overdosed to oil mist, remove from further exposure. Administer oxygen if available. If resuscitation is required, physician assessment is mandatory.

Ingestion: **DO NOT INDUCE VOMITING** Force fluids. Activated charcoal tablets.

Note to Physician: Gastric lavage should only be done after endotracheal intubations in the event of the risk of aspiration which can cause serious chemical pneumonitis for which antibiotic and corticosteroid therapy may be indicated.

SECTION VIII

PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if spilled: Contain spill. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial absorbents, or recover using pumps. Scoop up used absorbent and rags into drums.

Waste Disposal Method: Dispose in approved, SECURE contaminated waste site or licensed waste reclaiming facility. Check with applicable jurisdictions for specific disposal requirements.

SECTION IX

Exposure Control Measures

Exposure limits: Not established for mixture

Ventilation: General Ventilation

Respiratory Protection: None normally needed

Eye Protection: Safety Glasses, to provide protection from direct spray.

Protective Gloves: None normally needed, Vitron, Nitrile or PVC may be worn.

Other Protective Clothing: None normally needed.

Work / Hygienic Practices: Wash face and hands with soap and water after use. Launder soiled clothing.

SECTION X

REGULATORY INFORMATION

DOT Class: Not Regulated

SARA Title III Section 313 Supplier Notification

CAS # Not applicable Chemical Name: Zinc compounds % by weight: Less than 0.1

Corrosion FREE and its affiliates assume no responsibility for injury to anyone caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, Corrosion FREE and its affiliates assume no responsibility for injury to anyone caused by abnormal use of material even if reasonable safety procedures are followed.

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