

Corrosion Technologies Corporation

P. O. Box 551625

Dallas, Texas 75355-1625

(972) 271-7361 Fax: (972) 278-9721

BULK**Corrosion X[®] AVIATION****M.S.D.S.****MATERIAL SAFETY DATA SHEET****SECTION 1: PRODUCT INFORMATION**

Name: Corrosion X Aviation, Type II (BULK) Airframes
 Description: Corrosion Inhibitor / Moisture Displacer / Lubricant
 Use: Corrosion Inhibitor / Penetrant / Lubricant
 MSDS Number: 1003
 Appearance: Dark brown liquid
 Emergency Telephone: Chemtrec USA (800) 424-9300 Outside US (703) 927-3887
 Product Information: (972) 271-7361
 Effective Date: 04/04/07
 Supersedes Date: 08/01/05

SECTION 2: COMPOSITION

The precise composition of this mixture is proprietary information. A complete disclosure will be provided to a physician or nurse in the event of a medical emergency.

SECTION 3: HAZARDOUS INGREDIENTS

	OSHA PEL	% Wt.	CAS#
Base Stock:	5 mg/m ³ (oil mist)	65-75	72623-85-9
Hydrocarbon Solvent:	100 ppm (vapor)	5-10	64742-47-8

SECTION 4: CHEMICAL CHARACTERISTICS

% Non-Volatiles (by weight): >92%
 Volatile Organic Compound: 82g/L
 Boiling Point: >400°F (204°C)
 Vapor Pressure (mm Hg @ 38° C): >1 mm Hg.
 Vapor Density: (Air = 1): >1
 Melting Point: Not Applicable
 Solubility in Water: Slightly emulsifiable
 Evaporation Rate (Butyl Acetate = 1): <0.01
 Specific Gravity typ.(Water = 1): 0.888

SECTION 5: EMERGENCY & FIRST AID PROCEDURES

Skin: Remove excess by wiping and follow by washing with soap and water until there is no odor.
 Eyes: Flush with copious quantities of water (15 minutes). Lift eyelids and flush inside. Seek physician if eyes become inflamed.
 Inhalation: Evacuate to fresh air. Apply CPR if required. If resuscitation is required, assessment by a physician is mandatory.
 Ingestion: DO NOT INDUCE VOMITING. If vomiting occurs, take care to prevent aspiration. Give ½ pint of milk to drink. Seek aid of a physician.
 Note to physician: Consult standard literature re: Hydrocarbon poisoning.

SECTION 6: HEALTH EFFECTS SUMMARY

Primary Route(s) of Exposure: Eyes-YES Skin-NO Inhalation-YES Ingestion-YES
 Eye Contact: Essentially non-irritating, however vapors and/or mists may cause mild irritation. Severity of reaction depends upon duration of exposure and first aid procedures administered. Over exposure may cause eyes to water.
 Skin Contact: Essentially non-irritating. LD50 absorption for skin is >5000 mg/kg. Prolonged or repeated contact with has not been a cause of defatting or dermatitis in normal day to day handling of material. Effects of over exposure may be dry, chapped skin.
 Inhalation*: Non-toxic, *LC50 = 5000 ppm (rat, inhalation). Prolonged exposure may cause mild irritation to nose, throat or upper respiratory tract. If over-exposure occurs – may cause dizziness or headaches or nausea.
 *Based on toxicity of components
 Ingestion**: Practically non- toxic **LD50 >5000 mg/kg. (rat, oral) May be harmful or fatal if large amounts are swallowed. May cause mild irritation of mouth, throat or esophagus. Can cause nausea, vomiting or gastrointestinal upset. May cause diarrhea
 **Based on toxicity of Petroleum Distillate.
 Carcinogenicity: Non-carcinogenic as listed by: ACGIH, IARC MONOGRAPHS, or OSHA. (Based on toxicity reports of component parts).

SECTION 7: REACTIVITY DATA

Product Stability:	Stable
Incompatibility:	Strong oxidizers
Hazardous Decomposition:	Oxides of carbon, sulfur, calcium, magnesium and sodium
Hazardous Polymerization:	Will not occur.

SECTION 8: FIRE & EXPLOSION HAZARDOUS INFORMATION

Flash Point: >270°F (132°C) (M)