

ALOX -- MIL-C-81309, TYPE II, CLASS II - CORROSION PREVENTIVE COMPOUND  
MATERIAL SAFETY DATA SHEET  
NSN: 8030009381947  
Manufacturer's CAGE: 60773  
Part No. Indicator: D  
Part Number/Trade Name: MIL-C-81309, TYPE II, CLASS II

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General Information

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Item Name: CORROSION PREVENTIVE COMPOUND  
Company's Name: ALOX CORP  
Company's Street: 3943 BUFFALO AVE  
Company's P. O. Box: 517  
Company's City: NIAGARA FALLS  
Company's State: NY  
Company's Country: US  
Company's Zip Code: 14302  
Company's Emerg Ph #: 716-282-1295  
Company's Info Ph #: 716-282-1295  
Record No. For Safety Entry: 017  
Tot Safety Entries This Stk#: 019  
Status: FE  
Date MSDS Prepared: 01JAN89  
Safety Data Review Date: 02MAR95  
Supply Item Manager: 75  
MSDS Serial Number: BWMQP  
Specification Number: MIL-C-81309  
Spec Type, Grade, Class: TY II, CL II  
Hazard Characteristic Code: J7  
Unit Of Issue: CN  
Unit Of Issue Container Qty: 16.000 OZ  
Type Of Container: CAN, PRESSURE  
Net Unit Weight: 0.7 LBS

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Ingredients/Identity Information

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Proprietary: NO  
Ingredient: SOLVENT 140 (HIGH FLASH ALIPHATIC HYDROCARBON BLEND)  
Ingredient Sequence Number: 01  
Percent: 12.5  
NIOSH (RTECS) Number: 1001888S0  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
Ingredient: INHIBITOR BLEND INCLUDING THE BA SOAP OF AN OXYGENATED  
HYDROCARBON  
Ingredient Sequence Number: 02  
Percent: 12.5  
NIOSH (RTECS) Number: 1003042TB  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO  
Ingredient: SOLVENT FREON 113

**Ingredient Sequence Number: 03**  
**Percent: 75**  
**NIOSH (RTECS) Number: 1004287SF**  
**OSHA PEL: NOT ESTABLISHED**  
**ACGIH TLV: NOT ESTABLISHED**  
**Other Recommended Limit: NONE RECOMMENDED**

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**Physical /Chemical Characteristics**

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**Appearance And Odor: DARK AMBER WITH ORGANIC ODOR.**  
**Boiling Point: 117F- 390F**  
**Vapor Pressure (MM Hg/70 F): 334**  
**Vapor Density (Air=1): 6.5**  
**Specific Gravity: 1.25- 1.30**  
**Evaporation Rate And Ref: 0.3 (CCL4+1)**  
**Solubility In Water: NEGLIGIBLE**

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**Fire and Explosion Hazard Data**

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**Flash Point: 163F, 73C**  
**Flash Point Method: COC**  
**Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.**  
**Special Fire Fighting Proc: STRAIGHT WATER STREAM WOULD SPREAD OIL FIRES.**  
**Unusual Fire And Expl Hazrds: VAPOR ACCUMULATION WOULD FLASH AND/OR EXPLODE IF IGNITED.**

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**Reactivity Data**

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**Stability: YES**  
**Cond To Avoid (Stability): HEAT, SPARKS AND OPEN FLAMES.**  
**Materials To Avoid: ALKALI OR ALKALINE EARTH METALS, POWDERED AL, ZN, BE, ETC.**  
**Hazardous Decomp Products: HCL AND HF, POSSIBLE CARBONYL HALIDES.**  
**Hazardous Poly Occur: NO**  
**Conditions To Avoid (Poly): NOT APPLICABLE**

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**Health Hazard Data**

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**LD50- LC50 Mixture: UNKNOWN**  
**Route Of Entry - Inhalation: NO**  
**Route Of Entry - Skin: NO**  
**Route Of Entry - Ingestion: NO**  
**Health Haz Acute And Chronic: CENTRAL NERVOUS SYSTEM EFFECTS.**  
**Carcinogeni city - NTP: NO**  
**Carcinogeni city - IARC: NO**  
**Carcinogeni city - OSHA: NO**  
**Explanation Carcinogeni city: NOT APPLICABLE**  
**Signs/Symptoms Of Overexp: LIGHT HEADEDNESS, GIDDINESS, SHORTNESS OF BREATH, POSSIBLE NARCOSIS, POSSIBLE CARDIAC ARRHYTHMIAS AT HIGH CONCENTRATIONS.**  
**Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.**  
**Emergency/First Aid Proc: INHALATION- REMOVE TO FRESH AIR, CALL A PHYSICIAN. DO NOT GIVE EPINEPHINE OR SIMILAR DRUGS. SKIN OR EYES- FLUSH WITH WATER.**

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**Precautions for Safe Handling and Use**

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**Steps If Matl Released/Spill:** VENTILATE AREA- ESPECIALLY LOW PLACES WHERE HEAVY VAPORS MIGHT COLLECT. REMOVE FLAMES.

**Waste Disposal Method:** RECLAIM BY DISTILLATION.

**Precautions- Handling/Storing:** STORE CONTAINERS IN A CLEAN, DRY AREA. DO NOT HEAT ABOVE 125F.

**Other Precautions:** NONE

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**Control Measures**  
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**Respiratory Protection:** USE IARI MASK IN HIGH CONCENTRATIONS.

**Ventilation:** LOCAL EXHAUST WHEN LARGE AMOUNTS ARE RELEASED, ESPECIALLY IN LOW PLACES.

**Protective Gloves:** WHEN HANDLING LIQUID.

**Eye Protection:** WHEN HANDLING LIQUID.

**Other Protective Equipment:** NONE

**Work Hygienic Practices:** READ ALL LABELS CAREFULLY BEFORE USING.

**Suppl. Safety & Health Data:** NONE

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**Transportation Data**  
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**Trans Data Review Date:** 95061

**DOT PSN Code:** AGD

**DOT Proper Shipping Name:** AEROSOLS, NON- FLAMMABLE,

**DOT Class:** 2. 2

**DOT ID Number:** UN1950

**DOT Label:** NONFLAMMABLE GAS

**IMD PSN Code:** AIY

**IMD Proper Shipping Name:** AEROSOL DISPENSERS

**IMD Regulations Page Number:** 9022

**IMD UN Number:** 1950

**IMD UN Class:** 9

**IMD Subsidiary Risk Label:** -

**IATA PSN Code:** ANB

**IATA UN ID Number:** 1950

**IATA Proper Shipping Name:** AEROSOLS, 20, \*

**IATA UN Class:** 2. 2

**IATA Label:** NON- FLAMMABLE GAS

**AFI PSN Code:** HD0

**AFI Prop. Shipping Name:** COMPRESSED GAS, N. O. S.

**AFI Class:** 2. 2

**AFI ID Number:** UN1956

**AFI Basic Pac Ref:** 6- 6, 6- 8, 6- 10

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**Disposal Data**  
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**Label Data**  
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**Label Required:** YES

**Technical Review Date:** 02MAR95

**Label Status:** F

**Common Name:** MIL-C- 81309, TYPE II, CLASS II

**Chronic Hazard:** NO

**Signal Word:** CAUTION!

**Acute Health Hazard-Slight:** X

**Contact Hazard-None:** X

**Fire Hazard-Slight:** X

**Reactivity Hazard-None: X**

**Special Hazard Precautions: CENTRAL NERVOUS SYSTEM EFFECTS. STORE  
INHALATION- REMOVE TO FRESH AIR, CALL A PHYSICIAN. DO NOT GIVE EPINEPHINE  
OR SIMILAR DRUGS. SKIN OR EYES- FLUSH WITH WATER.**

**Protect Eye: Y**

**Protect Skin: Y**

**Protect Respiratory: Y**

**Label Name: ALOX CORP**

**Label Street: 3943 BUFFALO AVE**

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**Label Emergency Number: 716-282-1295**