

GARDINER METAL CO -- GF 1100 SERIES FLUXES (GF-1125,GF-1135,GF-1 -- 3439-00-009-8808

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Product Identification
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Product ID:GF 1100 SERIES FLUXES (GF-1125,GF-1135,GF-1

MSDS Date:04/23/1993

FSC:3439

NIIN:00-009-8808

MSDS Number: BRMFF

=== Responsible Party ===

Company Name:GARDINER METAL CO

Address:4820 SOUTH CAMPBELL AVENUE

City:CHICAGO

State:IL

ZIP:60632

Country:US

Info Phone Num:312-847-

0100

Emergency Phone Num:312-847-0100, 800-424-9300

CAGE:73766

=== Contractor Identification ===

Company Name:GARDINER METAL CO

Address:4820 SOUTH CAMPBELL AVENUE

City:CHICAGO

State:IL

ZIP:60632

Country:US

Phone:312-847-0100, 800-424-9300

CAGE:73766

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 65-75%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9

Ingred Name:ROSIN ACID

CAS:8050-09-7

Fraction by Wt: 25-25%

Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CONTACT MAY CAUSE IRRITATION.

PROLONGED OR REPEATED CONTACT MAY CAUSE TISSUE DAMAGE. HEALTH STUDIES HAVE SHOWN THAT POTENTIALHEALTH RISKS MAY VARY BY INDIVIDUAL. ALWAYS MINIMIZE

EXPOSURE AS A PRECAUTION.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:INHALATION-HEADACHE, DIZZINESS, DIFFICULTY BREATHING. INGESTION-NAUSEA, VOMITING. SKIN-REDNESS, BURNING, RASH, DRYNESS. EYE-REDNESS,BURNING, TEARING, BLURRED VISION.

Medical Cond Aggravated by Exposure:SKIN ALLERGIES AND RESPIRATORY/LUNG CONDITIONS.

===== First Aid Measures =====

First Aid:SKIN-FLUSH WITH WATER IMMEDIATELY. WASH THOROUGHLY AND APPLY LOTION. EYES-FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION. INGESTION-DRINK LARGE AMOUNTS OF WATER. SEEK MEDICAL ATTENTION. NEVER GIVE LIQUIDS TO AN UNCONSCIOUS PERSON.INHALATION-REMOVE TO FRESH AIR. SUPPORT RESPIRATION IF REQUIRED. SEEK MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:TOC

Flash Point:52.0F,11.1C

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FLAMMABLE MATERIAL, WATER MAY SPREAD FLAMES.

===== Accidental Release Measures =====

Spill Release Procedures:EXTINGUISH ALL FLAMES, ELIMINATE ALL SOURCES OF IGNITION. FLUSH INTO A CHEMICAL SEWER OR SOAK UP WITH A SUITABLE ABSORBENT.

Neutralizing Agent:NOT APPLICABLE.

===== Handling and Storage =====

Handling and Storage

e Precautions:NONE SPECIFIED BY MANUFACTURER.
Other Precautions:AVOID CONTACT AS MUCH AS POSSIBLE. NO SMOKING. GROUND METALLIC CONTAINERS.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:ORGANIC VAPOR MASK FOR FUMES OVER TLV, USUALLY DURING SOLDERING.

Ventilation:LOCAL EXHAUST PREFERRED.

Protective Gloves:PLASTIC OR RUBBER DURING SOLDERING.

Eye Protection:GOGGLES OR FACE SHIELD DURING SOLDERING.

Other Protective Equipment:AS REQUIRED TO AVOID CONTACT.

Work Hygienic Practices:FOLLOW GOOD INDUSTRIAL HYGIENE PRACTICES.

Supplemental Safety and Health

DOT HAZARD CLASSIFICATION: FLAMMABLE LIQUID, ISOPROPYL ALCOHOL.

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===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:181F,83C

Vapor Pres:33

Vapor Density:2.7

Spec Gravity:0.850-0.885

Evaporation Rate & Reference:1.7 (N-BUTYL ACETATE = 1)

Solubility in Water:APPRECIABLE

Appearance and Odor:AMBER LIQUID, ALCOHOL ODOR.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
HYDROCARBONS.

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===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS.

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