

GARDINER SOLDER COMPANY DIV GARDINER METAL CO -- GF-1100 SERIES FLUXES --
3439-00-220-3827

===== Product Identification =====

Product ID:GF-1100 SERIES FLUXES

MSDS Date:08/01/1989

FSC:3439

NIIN:00-220-3827

MSDS Number: BDJTL

=== Responsible Party ===

Company Name:GARDINER SOLDER COMPANY DIV GARDINER METAL CO

Address:4820 S CAMPBELL AVE

City:CHICAGO

State:IL

ZIP:60632-1494

Country:US

Info Phone Nu

m:312-847-0100

Emergency Phone Num:312-847-0100

CAGE:84311

=== Contractor Identification ===

Company Name:GARDINER SOLDER CO, DIV OF GARDINER METAL CO

Address:4820 S CAMPBELL AVE

Box:City:CHICAGO

State:IL

ZIP:60632-1416

Country:US

Phone:312-847-0100/800-424-9300(CHEMTREC)

CAGE:56244

Company Name:GARDINER SOLDER COMPANY DIV GARDINER METAL CO

Address:4820 S CAMPBELL AVE

Box:City:CHICAGO

State:IL

ZIP:60632-1494

Country:US

Phone:312-847-0100 CHEMTREC AFTER HOURS

CAGE:84311

===== Composit

ion/Information on Ingredients =====

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:ROSIN ACID
CAS:8050-09-7
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:PRODUCT I
S IRRITATING TO BODY TISSUES
AND MAY CAUSE TISSUE DAMAGE WITH PROLONGED OR REPEATED CONTACT.
Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT
IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYE:IRRITATION,REDDNESS,BURNING. SKIN:POSSIBLE
IRRITATION. INHALED:HEADACHE,DIZZINESS,DIFFICULT BREATHING.
INGESTED:NAUSEA, VOMITING.
Medical Cond Aggravated by Exposure:SKIN ALLERGIES AND RESPIRATORY
CONDITIONS MAY BE AGGRAVATED BY THIS PRODUC
T.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH
SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE
REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF
NECESSARY. INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES
OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY
MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A
DOCTOR.

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

Flash Point Method:TOC

Flash Point:51.8F,11.0C

Lower Limits:2

Upper Limits:12

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDO

US DECOMPOSITION PRODUCTS. WATER MAY SPREAD FLAMES.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. ABSORB WITH INERT MATERIAL AND COLLECT IN CLOSED CONTAINERS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA. KEEP AWAY FROM IGNITION SOURCES.

Other Precautions:NONE

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:NORMAL ROOM VENTILATION IS USUALLY SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST IF PEL/TLV IS EXCEEDED.

Protective Gloves:RUBBER,VINYL OR OTHER IMPERVIOUS

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:CLOTHING AS NEEDED TO PROTECT AGAINST PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY AFTER USING THIS PRODUCT.

Supplemental Safety and Health PRODUCT CODE 205.

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

HCC:F2

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

Vapor Pres:33 MM

Vapor Density:2.7

Spec Gravity:0.885-0.920

Solubility in Water:APPRECIABLE

Appear

ance and Odor:AMBER LIQUID, ALCOHOL ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:OXIODES OF CARBOM AND INCOMPLETELY
BURNED HYDROCARBONS

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

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL
REGULATIONS. DGSC

-SSH SUGGESTS THAT DISPOSAL MAY BE DONE BY
INCINERATION.

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