

GARDINER SOLDER COMPANY DIV GARDINER METAL CO -- GF 1400 SERIES FLUXES --
3439-00-069-5815

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Product Identification
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Product ID:GF 1400 SERIES FLUXES

MSDS Date:05/01/1990

FSC:3439

NIIN:00-069-5815

MSDS Number: BCXGL

=== 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 CHEMTREC AFTER HOURS

CAGE:84311

=== Contractor Identification ===

Company Name:GARDINER SOLDER COMPANY DIV GARDINER METAL CO

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Box:City:CHICAGO

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Composition/Information on Ingredients
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Ingred Name:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

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Hazards Identification
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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.

PROLONGES OR REPEATED CONTACTG MAY CAUSE TISSUE DAMAGE. HEALTH
STUDIES HAVE SHOWN THAT POTENTIAL HEALTH RISKS MAY VARY BY
INDIVIDUAL. ALWAYS MINIMIZE EXPOSURE AS A PRECAU TION.

Effects of Overexposure:INHALE: HEADACHE, DIZZINESS, DIFFICULTY

BREATHING. INGEST: VOMITING. SKIN: REDNESS, BURNING, RASH, DRYN

ESS.

EYE: REDNESS, BURNING, TEARING, BLURRED VISION.

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

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First Aid Measures
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First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
SKIN: FLUSH WITH WATER, WASH THOROUGHLY AND APPLY LOTION;
INHALATION: REMOVE TO FRESH AIR. SUPPORT RESPIRATION IF REQUIRED.
SEEK MEDICAL ATTENT ION.INGEST: DRINK LARGE AMOUNTS OF WATER. SEEK
MEDICAL
ATTENTION. NEVER GIVE LIQUIDS TO AN UNCONSCIOUS PERSON.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:53F/12C
Lower Limits:2
Upper Limits:12
Extinguishing Media:ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID, WATER MAY SPREAD
FLAMES.

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Accidental Release Measures
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Spill Release Procedu
res:EXTINGUISH ALL FLAMES, ELIMINATE ALL SOURCES
OF IGNITION. FLUSH INTO A CHEMICAL SEWER OR SOAK UP WITH A SUITABLE
ABSORBANT.
Neutralizing Agent:NONE STATED.

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Handling and Storage
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Handling and Storage Precautions:AVOID CONTACT AS MUCH AS POSSIBLE.
GROUND METALLIC CONTAINERS. DO NOT SMOKE.
Other Precautions:NONE STATED.

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Exposure Controls/Personal Protection
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Respiratory Protection:ORGANIC VAPOR MASK FOR F

UMES OVER TLV, USUALLY
DURING SOLDERING.

Ventilation:GENERAL ROOM VENTILATION USUALLY ADEQUATE.IF NOT,USE LOCAL
EXHAUST VENTILATION TO REMOVE FLUX FUMES.

Protective Gloves:PLASTIC OR RUBBER DURING SOLDERING.

Eye Protection:GOGGLES OR FACE SHIELD DURING SOLDERING.

Other Protective Equipment:NONE.

Supplemental Safety and Health

MFG SUGGESTS TLV OF 400 PPM.

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

HCC:F2

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

Vapor Pres:33

Vapor Density

:2.7

Spec Gravity:0.84-0.92

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

Solubility in Water:MODERATE

Appearance and Odor:AMBER LIQUID, ALCOHOL ODOR.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:NONE STATED.

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

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

Waste Dispos

al Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL,STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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