



MATERIAL SAFETY DATA SHEET

Part Number(s):
97-150-00

Form WI04-11A Rev. 1



Product Name: Flux Vaseline Form

Release Date: March 22, 2006

1. Product and Company Identification

Trade Name & Synonyms Flux	MSDS Code Number Refer to part number
Chemical Name NA	Manufacture / Distributor GAC International Inc.
C.A.S. Number NA	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) NA	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Mixture of the substances listed below, with addition of non-dangerous materials.	NA	NA	NA
Fluoride-potassium-boron.	14075-53-7	Hazard symbol: Xn. Risk phrases: R22	25-50
Potassium fluoride	7789-23-3	Hazard symbol: R23/24/25. Risk phrases: R23/24/25	2.5-10

3. Hazard Identification

Emergency Overview R22: Harmful if swallowed.					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	NA	NA	NA	NA	NA
Skin	NA	NA	NA	NA	NA
Inhalation	NA	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure NA					
Carcinogenicity (IARC, NTP) NA					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Rinse with running water for some minutes keeping the eye open.	Seek medical advice	NA
Skin	Wash with plenty of water and soap.	In case of persisting irritation, seek medical advice.	NA
Inhalation	Breathe fresh air.	If you feel unwell seek medical advice.	NA
Ingestion	NA	Seek medical advice immediately.	NA
Other	Take off immediately all contaminated clothing.	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			



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5. Fire and Explosion Data

Flashpoint & Method: °C / °F N/A	Flammable (Explosive) Limits in Air LEL: NA UEL: NA	Autoignition Temperature The product doesn't auto-ignite.	Other Possible hazards coming from the material, its combustion residual products or gas: in case of fire it can liberate hydrogen fluoride (HF).
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health- , Flammability- , Reactivity- NA	
Extinguishing Media Fire fighting means have to conform to the environment		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters Fire fighting equipment: In case of fire wear self-contained breathing apparatus. Further information: Dispose of the remains of the wire and the contaminated water in accordance with the directions of the authorities in charge.			
Unusual Fire and Explosion Hazards No explosion hazard.			

6. Accidental Release Measures

Containment Techniques Environmental safety measures: prevent this product from entering into underground or drain waters.
Spill/Leak Clean-Up Procedures and Equipment Pick up by mechanical means; store in proper containers for disposal.
Evacuation Procedures NA
Special Instructions Personal protection: Wear suitable protective clothing.
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings Provide a good local ventilation-aspiration during working process. Safety precautions in case of fire/explosion: No particular precautions are required.
Storage Practices and Warnings No particular safety measures are required. Keep containers tightly closed in a cool, dry place.



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8. Exposure Control/Personal Protection

Ventilation NA		Other Engineering Controls NA	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:		PPE for Emergencies:
Eye/Face	Wear protective glasses.		NA
Skin	Wear protective clothing, gloves.		NA
Inhalation	In case of insufficient ventilation wear a protective mask.		NA
General Hygiene Considerations and Work Practices Follow the usual safety precautions required to use chemical products. Wash hands before any break and at the end of work. Do not breathe gas/vapors/aerosol. When using do not eat, drink or smoke.			
Protective Measures During Repair and Maintenance of Contaminated Equipment NA			
Other Protective Measures and Equipment Special precautions: Components having exposure limits:			
Component	CASNO	Limit value	
Fluoride-potassium-boron	14075-53-7	2.5mg/m3 (MAC) (Reckoned as fluorine)	
Potassium fluoride	7789-23-3	2.5mg/m3 (MAC) (Reckoned as fluorine)	
Boron oxide	1303-86-2	15mg/m3 (MAC)	
Further information: The above data are based on the tables in force.			

9. Physical and Chemical Characteristics

Appearance Doughy, white		Odor Odourless	
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		Boiling Point ≥ 1000 °C / °F Melting Point ≥ 450 °C / °F Freezing Point °C / °F NA	
Specific Gravity or Density (H₂O=1) At 20°C: 1.3g/cm ³	Solubility in Water Partially mixable.	pH NA	
Vapor Pressure (mm Hg @ 20°C) At 20°C: 23hPa	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA	
Other Layer hardness: N/A Viscosity: ~8000 mPas (20° C)			

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Thermal decomposition/conditions to avoid: If properly stored and handled no decomposition occurs. Hazardous reactions: Reactivity with strong acids.	
Hazardous Products Produced During Decomposition Hydrogen fluoride. (HF)	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid °C / °F NA
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid °C / °F NA



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11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data
Acute toxicity: Data not available. Primary irritation: Uncertain. Sensitisation: Effects of sensitization are not known. Irritant in contact with skin, especially in case of skin injuries, in contact with mucous membranes and if swallowed. Toxicological information: Bad to one's health.

12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements
Hazard class regarding waters (self-classified): Minimum hazard. Prevent this product from entering ground, rivers, lakes or sewers.

13. Disposal Considerations

Regulations
Do not dispose of it as a house waste. Do not drain into sewers.

Properties (Physical/Chemical) Affecting Disposal
Dispose of in accordance with local and national regulations. In Italy,, dispose of according to Legislative decree of 5 february 1997 no-22- Application of Directives 91/156/EEC on waste, 91/689/EEC on hazardous waste, 94/62/EC on packaging and packaging waste.

14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper Shipping Name Flux Vaseline form	Packing Group NA
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hazard Class NA	Identification Number NA
Other According to transport regulations this is not a hazardous product.		

15. Regulatory Information

Federal Regulations Classification: this product is classified and labeled in accordance with EEC regulations. Hazard symbol: Xn. Hazard phrase: Bad to one's health. Risk phrases: R22 Harmful if swallowed. Safety phrases: S2 Keep out of children. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water.
International Regulations NA
Other NA

16. Other Information

Supplier Number: 39/97 **Supplier Release:** May 17, 2001
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.