

This product is installed by trained and licensed Safe-Stride personnel. No other entities come in contact with this product.

GENERAL MOTORS CORPORATION MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME OR NUMBER (as it appears on label) SAFE-STRIDE NON-SLIP		GM COMMON CODE
MANUFACTURER'S NAME SAFE-STRIDE INTERNATIONAL, INC.		EMERGENCY TELEPHONE NO. 813-345-5100
ADDRESS (Number, Street, City, State and Zip Code) 6446 Central Ave., St. Petersburg, FL 33707		MANUFACTURER'S D-U-N-S NO. 18-577-0682
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) Corrosive Class 70		
ADDITIONAL HAZARD CLASSES (as applicable) None		
CHEMICAL FAMILY Acid Detergent		FORMULA Modified Acid Surfactant Blend Trade Secret

SECTION II — INGREDIENTS (list all ingredients)

CAS REGISTRY NO.	%W	%V	All %'s by weight - *Maximum Ranges CHEMICAL NAME(S)	Listed as a Carcinogen in NTP, IARC or OSHA 1910(z) (specify)
007664393	5%		Hydrofluoric Acid	Yes
111-76-2	8%		(Group) Glycol Ether	Yes
			50 ppm A.C.G.I.H. (skin) OSHA	

SECTION III — PHYSICAL DATA

BOILING POINT APPROX. 195F °C	SPECIFIC GRAVITY (H ₂ O = 1)	1.030
VAPOR PRESSURE @ 70 °C <input type="checkbox"/> N/A <input type="checkbox"/> mm Hg <input type="checkbox"/> psi	PERCENT VOLATILE BY VOLUME (%)	13.1 PERCENT SOLID BY WEIGHT (%)
VAPOR DENSITY (AIR = 1) Heavier than air.	EVAPORATION RATE (ether = 1)	Slower than ether⁽¹⁾
SOLUBILITY IN WATER Complete	pH = 2	
APPEARANCE AND ODOR	Colorless liquid with pungent odor	IS MATERIAL: <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> SOLID <input type="checkbox"/> GAS <input type="checkbox"/> PASTE <input type="checkbox"/> POWDER

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT NONE °F °C <small>method used</small>	Not flammable	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA Water spray recommended to avoid splashing.				
SPECIAL FIRE FIGHTING PROCEDURES NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.				
UNUSUAL FIRE AND EXPLOSION HAZARDS Prolonged contact with metal produces hydrogen gas which is combustible. If heated to over 195 degrees, hydrogen fluoride gas is released.				

EFFECTS OF OVEREXPOSURE — Conditions to Avoid
 100 mg/m³ for hydrofluoric acid and 50ppm (skin) for ethylene glycol ether.

THRESHOLD LIMIT VALUE
 PERMISSIBLE EXPOSURE LIMIT
 OTHER LIMIT

PRIMARY ROUTES OF ENTRY Inhalation Skin Contact Other (specify)

EMERGENCY AND FIRST AID PROCEDURES
 Wash skin with abundant water same with eyes.
 See Section 10.3 in Chemical Safety Data Sheet SD-25

SECTION VI-REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (materials to avoid) Metals, bases, oxidizing agents, fluorine, arsenic trioxide, phosphorous			
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen gas, fluorine gas, hydrogen fluoride gas, CO, CO ₂ , smoke may be			
HAZARDOUS	MAY OCCUR		CONDITIONS TO AVOID formed. Fire will cause acid mist to evolve
POLYMERIZATION	WILL NOT OCCUR		

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Neutralize with soda ash or lime.
 Flush with large quantities of water. Large spills: dike area, neutralize and transfer to metal containers. Provide ventilation.

WASTE DISPOSAL METHOD
 Consult federal, state, and local government authorities for disposal methods.

CERCLA (Superfund) REPORTABLE QUANTITY (in lbs)

RCRA HAZARDOUS WASTE NO. (40 CFR 261.33)

VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)

Retail _____ lb/gal Analytical _____ lb/gal

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) Rubber gloves, mouth and nose respirator suggested.

VENTILATION	LOCAL EXHAUST (Specify Rate) Suggested to control vapor levels.	SPECIAL
	MECHANICAL (General) (Specify Rate)	OTHER

PROTECTIVE GLOVES (specify type) Gauntlet-Neoprene EYE PROTECTION (specify type) No

OTHER PROTECTIVE EQUIPMENT
 Rubber boots suggested

SECTION IX-SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
 Avoid glass and some metals.

OTHER PRECAUTIONS Avoid contact with skin and eyes. Avoid breathing vapors
 Never take internally. Wash thoroughly after handling.

Seller agrees not to assert any claim (other than a claim for a patent infringement) against General Motors Corporation for any use or disclosure of any technical data or information disclosed in connection with this questionnaire.

PLEASE COMPLETE QUESTIONNAIRE AND RETURN TO:	Name (print) John Mangus
	Signature <i>John Mangus</i>
	Title Chemist
	Date May 4, 1989