Product Code: MSDS029

Product Name: G-FORCE FLOOR FINISH STRIPPER
CODES: GFORCE55GAL, GFORCE5GAL, 218723

24-hour Emergency Phone: (800) 535-5053

HMIS CODES H F R P
3 0 1 X

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTED BY: DAYCON PRODUCTS COMPANY,INC.
16001 TRADE ZONE AVE.
UPPER MARLBORO, MD 20774

Recommended Use: Floor Finish Stripper/Remover.

2. HAZARDS IDENTIFICATION

DANGER. Causes severe skin burns and eye damage. Harmful if inhaled. May cause damage to organs through prolonged or repeated contact. Harmful if swallowed, in contact with skin or if inhaled. CORROSIVE. A solvent used in this product caused liver tumors and kidney effects in test animals. The relevance of these findings to humans is unknown. Reproduct and developmental effects were present in test animals - the relevance of these findings in humans is unknown.

Hazard Classification Skin & Eyes:	**Cat. 1 Corrosive**
Acute Toxicity	**Category 4**
Aspiration	**Category 1**
STOT,LT	**Category 3**

SIGNAL WORD: DANGER

HAZARD STATEMENTS:
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters the airways.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H373 May cause damage to kidney and/or liver through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:
P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing mist, vapours, spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves, protective clothing, eye protection, face protection.
P301/330/331/312 IF SWALLOWED: Rinse mouth. Do not induce vomiting. Call a poison control center or doctor if you feel unwell.
P302/353/361/363/313 IF ON SKIN OR HAIR: Rinse skin with water or shower. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Get medical advice/attention.
P304/312/340 IF INHALED: Call a poison control center or doctor if you feel unwell. Remove person to fresh air and keep comfortable for breathing.
P305/310/351/338 IF IN EYES: Immediately call a poison control center or doctor. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents in accordance with local, regional, national regulations.

Potential Health Effects

EYE:

Causes severe skin burns and eye damage.

SKIN:

Causes severe skin burns and eye damage.

INGESTION:

Swallowing this material may be harmful or fatal. Symptoms may include severe stomach and intestinal irritation, abdominal pain, and vomiting blood. Swallowing this material may cause burns and destroy tissue in the mouth, throat, and digestive tract. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injuries. May be harmful if swallowed and enters airways.

INHALATION:

Prolonged inhalation may result in respiratory irritation. Under normal conditions, using adequate ventilation no problems are expected May be harmful if inhaled. May cause respiratory irritation.

CHRONIC (CANCER) INFORMATION:

Not listed by IARC or NTP as a carcinogen. Long term exposure via inhalation of concentrations of 2-butoxyethanol up to 125 ppm caused an increase of liver tumors in male mice. A slight increase in adrenal tumors was observed in female rats. The NTP has determined that 2-butoxyethanol displays some evidence of carcinogenicity in female rats. The IARC has evaluated the material as an IARC Group 3 not classified as to carcinogenicity in humans, based on limited data in animals and inadequate data in humans. Methyl Pyrrolidinone caused liver tumors and kidney effects in test animals. The relevance of these findings to humans is unknown. Reproduction and developmental effects were present in test animals - the relevance of these findings in humans is unknown.

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TERATOLOGY (BIRTH DEFECT) INFORMATION:

Not classified as a teratogen. A raw material in this product has caused birth defects in laboratory animals when ingested in high doses by pregnant animals.

REPRODUCTION INFORMATION:

Monoethanolamine (MEA) caused harm to the fetus in a laboratory animal study in which high doses of the material were placed in the stomachs of the mothers through a feeding tube. In other studies, MEA was not harmful to unborn rats or rabbits when the chemical was given to the mothers by skin contact. Contact with MEA in the workplace at levels which are not harmful to the mother should have no effect on the unborn baby.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
* 2-Butoxyethanol ACGIH TWA 20 ppm; OSHA TWA 50 ppm; 240 MG/CUBIC M	111-76-2	15-25
* Monoethanolamine ACGIH TWA 3 ppm, STEL 6 ppm NIOSH REL: 3 ppm, 8 mg/m3 NIOSH STEL: 6 ppm, 15 mg/m3 OSHA Z1 PEL: 3 ppm, 6 mg/m3	141-43-5	<5
Sodium Xylene Sulfonate	1300-72-7	<3
* 1-Methyl-2-pyrrolidinone	872-50-4	<3
Sodium Lauryl Ether Sulfate	68585-34-2	<1
Sodium Octanesulfonate	5324-84-5	<1
Tetrasodium ethylenediamine tetraacetate	64-02-8	<1
Ethylene Glycol	107-21-1	<0.5

4. FIRST AID MEASURES

Eye:

Severe eye irritant. Can cause permanent eye injury. Symptoms include stinging, tearing, redness, and swelling of eyes. Can injure the cornea and cause blindness.

SKIN:

Causes severe skin burns and eye damage. Can cause permanent skin damage. Symptoms may include redness, burning, and swelling of skin, burns, and other skin damage. Passage of the material into the body through the skin is possible, and skin contact may be harmful. May cause irritation.

INGESTION:

IF SWALLOWED: Rinse mouth. Do not induce vomiting. Call a poison control center or doctor if you feel unwell. Do not give anything by mouth to an unconscious person.

INHALATION:

IF INHALED: Call a poison control center or doctor if you feel unwell. Remove person to fresh air and keep comfortable for breathing.

NOTE TO PHYSICIANS:

The material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: N/A **Method: N/A**

Not Flammable.

FLAMMABLE LIMITS:

Lower flammable limit: N/A
Upper flammable limit: N/A

AUTOIGNITION TEMPERATURE:

Not Applicable.

HAZARDOUS COMBUSTION PRODUCTS:

Ammonia, carbon dioxide and carbon monoxide, nitrogen oxides. Oxides of carbon.

EXTINGUISHING MEDIA:

For a SMALL fire, Use dry chemicals, CO_2, water spray or alcohol-resistant foam. For a LARGE fire, use water spray, water fog or alcohol resistant foam. Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.

FIREFIGHTING INSTRUCTIONS:

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines.

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6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Use appropriate containment to avoid run-off. Keep out of streams, sewers and waterways. Collect free material. Absorb remainder on inert absorbant. Wash area with plenty of water.

LARGE SPILL:

If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways. If possible, clean up spill area with absorbent material or mop and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material.

7. HANDLING AND STORAGE

HANDLING:

None known Containers, even those that have been emptied, will retain product residue and vapor and should be handled as if they were full. Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Do not handle near heat, sparks or flames. Use only with adequat ventilation/personal protection. Avoid contact with eyes, skin or clothing.

STORAGE:

Keep containers covered. Avoid eye and prolonged skin contact. Take the usual chemicals handling precautions. Handle and use in a manner consistent with good industrial techniques and practices. Keep containers covered.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from handling this product.

RESPIRATORY PROTECTION:

None Normally Needed. If vapors are present, use NIOSH approved respirator or self contained breathing appratus.

SKIN PROTECTION:

Wear impervious gloves, safety apron, and clothing if there is a chance of skin contact with product. Not normally needed.

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EYE PROTECTION:

Chemical splash goggles with side shields recommended. None normally needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
MELTING POINT: Not applicable.
VAPOR PRESSURE: NO INFORMATION AVAILABLE.
VAPOR DENSITY: (Air=1): >1
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.058
pH: 11.5-13.8
ODOR: Strong butyl (2-butoxyethanol) odor.
APPEARANCE: Clear red liquid.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

Stable.

INCOMPATIBILITY:

Strong oxidizing agents, strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon, and sulfur may be emitted if product burns. Oxides of carbon and nitrogen. Sulfur dioxide and oxides of sulfur. Sulfuric acid.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE:

CORROSIVE!

SKIN:

For Monoethanolamine: LD50 rabbit: 1000 mg/m3 Corrosive.

INGESTION:

For Monoethanolamine: LD50 rat: 1720 mg/m3

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INHALATION:

Exposure to vapor may cause irritation of the eyes, nose, and respiratory tract. May cause nausea. May cause headaches.

SUBCHRONIC:

All components of this product are listed on the U. S. TOXIC SUBSTANCE CONTROL ACT (TSCA) Inventory or exemption has been granted in accordance with 40 CFR 723.50.

CHRONIC/CARCINOGENICITY:

Not classified as a carcinogen. Long term exposure via inhalation of concentrations of 2-butoxyethanol up to 125 ppm caused an increase of liver tumors in male mice. A slight increase in adrenal tumors was observed in female rats. The NTP has determined that 2-butoxyethanol displays some evidence of carcinogenicity in female rats. The IARC has evaluated the material as an IARC Group 3 not classified as to carcinogenicity in humans, based on limited data in animals and inadequate data in humans. Methyl Pyrrolidinone caused liver tumors and kidney effects in test animals. The relevance of these findings to humans is unknown. Reproduction and developmental effects were present in test animals - the relevance of these findings in humans is unknown.

TERATOLOGY:

Ethylene glycol, CAS # 107-21-1, is a reproductive and developmental toxicant when administered at high doses in experimental animals.

REPRODUCTION:

Not expected to effect human reproduction.

MUTAGENICITY:

Not mutagenic.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

Monoethanolamine:
Toxicity to fish: 96 hr. LC 50 Fathead minnow: 125-2,070 mg/m3
Toxicity to daphnia and other aquatic invertebrates: LC 50 Water flea: 33.00-93.00 mg/L.
Information is based on data on the components and the ecotoxicology of similar products. If this product becomes a waste, it does not exhibit the properties of ignitability, corrosivity, reactivity or environmentally persistent toxicity.

CHEMICAL FATE INFORMATION:

Readily biodegradable.

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13. DISPOSAL CONSIDERATIONS

Dispose of contents in accordance with local, regional, national regulations. Dispose empty containers in accordance with applicable regulations. Rinse and recycle containers if available. Dispose of rinse preferably by use.

14. TRANSPORT INFORMATION(Not meant to be all inclusive)

UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, III, (CONTAINS SODIUM HYDROXIDE, MONOETHANOLAMINE) LIMITED QUANTITY UNDER 1.3 GALLONS.

15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent

U.S. FEDERAL REGULATIONS:

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR 1910.1200 There is no calculable reportable quantity for this product.

OSHA:

HAZCOM STANDARD

CERCLA: SARA HAZARD CATEGORY:

Acute and chronic health hazard. Fire hazard.

SECTION 313:

Not Regulated.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS:

Class E: Corrosive Liquid

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

No Information Available.

EINECS:

Positive listing.

STATE REGULATIONS:

Regulated by California, Massachusetts, and Pennsylvania's Right-to-Know laws.

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VOLATILE ORGANIC COMPOUNDS:

NO INFORMATION AVAILABLE.

16. OTHER INFORMATION

SDS Status:

Compliant with OSHA's new GHS safety data sheet (SDS).

Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of the manufacturer and distributor, therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.