

Product Code: MSDS050
Product Name: POWER PLUS
 ITEM CODES: PPLUS55GAL, 871381, 861646

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

HMIS CODES H F R P
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

RECOMMENDED USE: Heavy duty degreaser

2. HAZARDS IDENTIFICATION

Danger. Corrosive. Causes severe skin burns and eye damage. Irritating to the skin, eyes, and digestive system. May be harmful if swallowed. Long-term exposure may cause kidney and/or liver damage. May cause damage to organs through prolonged or repeated contact. May be an aspiration hazard if swallowed.

**Hazard Classification: Skin and Eye Category 1: Corrosive
 Acute Toxicity Category 5
 Aspiration Category 1**



SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H314 Causes severe skin burns and eye damage.
H303 May be harmful if swallowed.

PRECAUTIONARY STATEMENTS:

P102 Keep out of reach of children.
P264 Wash thoroughly after handling.
P260 Do not breath mist or spray.
P280 Wear protective gloves, protective clothing, and eye protection.
P301/P310/P313/P330/P331 IF SWALLOWED: Immediately call a poison control center or doctor. Get medical advice/attention. Rinse mouth. Do NOT induce vomiting.
P303/ P310/P313/P353/P361/P363 IF ON SKIN: Immediately call a poison control center or doctor. Get medical advice/attention. Rinse skin with water or shower. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.
P305/P310/P313/P351/P338 IF IN EYES: Immediately call a poison control center or doctor. Get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Dispose of contents/container in accordance to local, regional, and national regulations.

Potential Health Effects

EYE:

Corrosive to eyes.

SKIN:

Causes skin irritation. May be corrosive to the skin.

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INGESTION:

May cause nausea, vomiting and stomach irritation. This product if swallowed, can cause severe burns and tissue perforation. Low to moderately toxic. May cause headache, dizziness and gastrointestinal distress. Causes rapid damage to red blood cells and subsequent anemia. Repeated exposure may cause liver and kidney damage.

INHALATION:

Prolonged inhalation may result in respiratory irritation. Under normal conditions, using adequate ventilation no problems are expected. May produce symptoms of central nervous system depression including headache, dizziness, nausea, euphoria, loss of equilibrium, drowsiness, visual disturbances, fatigue, unconsciousness and respiratory arrest. Severe overexposure may cause red blood cell damage.

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.

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TERATOLOGY (BIRTH DEFECT) INFORMATION:

Ethylene glycol, CAS # 107-21-1, is a reproductive and developmental toxicant when administered at high doses in experimental animals. A raw material in this product has caused birth defects in laboratory animals when ingested in high doses by pregnant animals.

REPRODUCTION INFORMATION:

May damage rapidly reproducing cells.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
* 2-butoxyethanol ACGIH TWA: 20 ppm OSHA TWA: 50 ppm; 240 mg/m3	111-76-2	10
Sodium metasilicate	6834-92-0	<5.0
Sodium tripolyphosphate	7758-29-4	<3.0
* Tetrasodium ethylenediamine tetraacetate	64-02-8	1.0
Ethylene Glycol	107-21-1	.05

4. FIRST AID MEASURES

EYES:

IF IN EYES: Immediately call a poison control center or doctor. Get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SKIN:

IF ON SKIN: Immediately call a poison control center or doctor. Get medical advice/attention. Rinse skin with water or shower. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

INGESTION:

IF SWALLOWED: Immediately call a poison control center or doctor. Get medical advice/attention. Rinse mouth. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Treat symptomatically. Get medical attention if symptoms continue.

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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.

7. HANDLING AND STORAGE

HANDLING:

Keep out of reach of children. Wash thoroughly after handling.

STORAGE:

Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended limits. Emergency showers and eyewash facilities should be in close proximity.

RESPIRATORY PROTECTION:

If vapors are present, use NIOSH approved respirator or self contained breathing apparatus.

SKIN PROTECTION:

Impervious Such As Neoprene or nitrile.

EYE PROTECTION:

Chemical splash goggles with side shields recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
MELTING POINT: NO INFORMATION AVAILABLE.
VAPOR PRESSURE: NO INFORMATION AVAILABLE.
VAPOR DENSITY: (Air=1): >1
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.036
pH: 11.8-13.5 (as is)
ODOR: Strong butyl (2-butoxyethanol) odor.

S A F E T Y D A T A S H E E T

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