

# SAFETY DATA SHEET

Date Prepared : 3/13/2015

SDS No : 4300-SDS

**Extreme**

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Extreme  
**PRODUCT CODE:** 4300

### MANUFACTURER

Perform Manufacturing  
 1624 S. 45th St.  
 Kansas City, KS 66106

**Emergency Phone:** 800-423-9861

**Customer Service:** 913-722-1557

**Transportation:** 800-535-5053

**E-Mail:** sales@performmfg.com

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health:

Serious Eye Damage / Eye Irritation, Category 2A  
 Reproductive Toxicity, Category 1B  
 Specific Target Organ Toxicity, Single Exposure, Category 3

#### Physical:

Flammable Liquids, Category 3

### GHS LABEL



Exclamation  
mark



Health  
hazard



Flame

### HAZARD STATEMENTS

H319: Causes serious eye irritation.  
 H360: May damage fertility or the unborn child.  
 H335: May cause respiratory irritation.  
 H336: May cause drowsiness or dizziness.  
 H226: Flammable liquid and vapour.

### PRECAUTIONARY STATEMENTS

#### Prevention:

P264: Wash face, hands and any exposed skin thoroughly after handling.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P281: Use personal protective equipment as required.  
 P271: Use only outdoors or in a well-ventilated area.  
 P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

#### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with

water/shower.

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P314: Get medical advice/attention if you feel unwell.

**Storage:**

P404: Store in a closed container.

**Disposal:**

P501: Dispose of contents/container to an approved waste disposal plant.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name                     | Wt.% | CAS       |
|-----------------------------------|------|-----------|
| Propylene Glycol Monomethyl Ether | < 50 | 107-98-2  |
| 2-propanol                        | < 30 | 67-63-0   |
| 2-methoxypropanol                 | < 1  | 1589-47-5 |

### 4. FIRST AID MEASURES

**EYES:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

**INHALATION:** Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center if you feel unwell.

**NOTES TO PHYSICIAN:** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Flammable Liquid

**GENERAL HAZARD:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

**EXTINGUISHING MEDIA:** Dry chemical, CO<sub>2</sub>, water spray or regular foam, Move containers from fire area if you can do it without risk.

**HAZARDOUS COMBUSTION PRODUCTS:** May include Carbon monoxide, Carbon dioxide and other toxic gases or vapors.

**OTHER CONSIDERATIONS:** In a fire or if heated, a pressure increase will occur and the container may burst.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**LARGE SPILL:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

### 7. HANDLING AND STORAGE

**HANDLING:** Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not

get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

**STORAGE:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) |      |                 |                   |           |                   |              |                   |
|---|------|-----------------|-------------------|-----------|-------------------|--------------|-------------------|
|   |      | EXPOSURE LIMITS |                   |           |                   |              |                   |
|   |      | OSHA PEL        |                   | ACGIH TLV |                   | Supplier OEL |                   |
| Chemical Name                               |      | ppm             | mg/m <sup>3</sup> | ppm       | mg/m <sup>3</sup> | ppm          | mg/m <sup>3</sup> |
| Propylene Glycol Monomethyl Ether           | TWA  |                 |                   | 100       | 369               |              |                   |
|   | STEL |                 |                   | 150       | 553               |              |                   |
| 2-propanol                                  | TWA  | 400             | 980               | 200       | 490               | NL           | NL                |
|   | STEL |                 |                   | 400       | 960               | NL           | NL                |

**ENGINEERING CONTROLS:** Proper ventilation in accordance with good industrial hygiene should be provided.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** If splashes are likely to occur, wear: Tightly fitting safety goggles and face shield

**SKIN:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**RESPIRATORY:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

**PROTECTIVE CLOTHING:** Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions required.

**WORK HYGIENIC PRACTICES:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| Chemical Name                     | Flash Point (°C) |
|-----------------------------------|------------------|
| Propylene Glycol Monomethyl Ether | 90               |

**PHYSICAL STATE:** Liquid

**ODOR:** Typical

**ODOR THRESHOLD:** No data available

**APPEARANCE:** Colored Liquid

**pH:** 9 to 11

**FLASH POINT AND METHOD:** (82°F) ASTM D56

**FLAMMABLE LIMITS:** No data available

**AUTOIGNITION TEMPERATURE:** No data available

**VAPOR PRESSURE:** No data available

**VAPOR DENSITY:** No data available

**BOILING POINT:** (180°F)

**FREEZING POINT:** NA = Not Applicable

**MELTING POINT:** No data available

**THERMAL DECOMPOSITION:** No data available

**SOLUBILITY IN WATER:** Completely soluble

**EVAPORATION RATE:** < 1

**SPECIFIC GRAVITY:** 0.95

**VISCOSITY:** Water thin

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Heat, flames and sparks

**POSSIBILITY OF HAZARDOUS REACTIONS:** Under normal conditions of storage and use, hazardous reactions will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May include carbon monoxide, carbon dioxide (CO<sub>2</sub>) and other toxic gases or vapors.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, Strong acids, Organic materials

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

| Chemical Name                     | ORAL LD <sub>50</sub> | DERMAL LD <sub>50</sub> | INHALATION LC <sub>50</sub> |
|-----------------------------------|-----------------------|-------------------------|-----------------------------|
| Propylene Glycol Monomethyl Ether | 5660                  | 13000                   | 15000                       |

**DERMAL LD<sub>50</sub>:** > 2000 mg/kg

**ORAL LD<sub>50</sub>:** > 2000 mg/kg

**INHALATION LC<sub>50</sub>:** > 20 mg/L

**EYE EFFECTS:** Eye Damage/Irritation

**SKIN EFFECTS:** Drying of skin

**REPRODUCTIVE EFFECTS:** May impair fertility. May cause harm to the unborn child.

**TARGET ORGANS:** Eyes, Respiratory System, Skin and Central nervous system.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** This material has not been tested for acute environmental effects.

**BIOACCUMULATION/ACCUMULATION:** No evidence to suggest bio-accumulation will occur.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Flammable Liquid, N.O.S.

**TECHNICAL NAME:** (Contains; Isopropanol Alcohol)

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** 1993

**PACKING GROUP: II**

**OTHER SHIPPING INFORMATION:** All products offered for domestic ground transportation that meet the following Exceptions for Class 3 (flammable liquids) will be packaged and shipped as "Limited Qty".

(1) For Flammable Liquid in Packing Group II, inner packagings not over 1.0 L (0.3 gallon) net capacity each packed in a strong outer packaging with a gross package weight of 66 lbs or less.

(2) For Flammable Liquid in Packing Group III, inner packagings not over 5.0 L (1.3 gallon) net capacity each, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** Isopropanol CAS No 67-63-0 only if manufactured by the strong acid process, no supplier notification

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

| Chemical Name | Wt. % | CAS     |
|---------------|-------|---------|
| 2-propanol    | < 30  | 67-63-0 |

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

| Chemical Name                     | CAS       |
|-----------------------------------|-----------|
| Propylene Glycol Monomethyl Ether | 107-98-2  |
| 2-propanol                        | 67-63-0   |
| 2-methoxypropanol                 | 1589-47-5 |

**TSCA STATUS:** All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

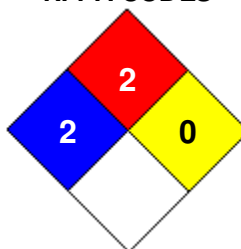
**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**16. OTHER INFORMATION**

**PREPARED BY:** Kevin E Hall **Date Prepared:** 3/13/2015

**HMIS RATING**

|                            |                          |          |
|----------------------------|--------------------------|----------|
| <b>HEALTH</b>              | <input type="checkbox"/> | <b>2</b> |
| <b>FLAMMABILITY</b>        | <input type="checkbox"/> | <b>2</b> |
| <b>PHYSICAL HAZARD</b>     | <input type="checkbox"/> | <b>0</b> |
| <b>PERSONAL PROTECTION</b> | <input type="checkbox"/> | <b>E</b> |

**NFPA CODES**

**MANUFACTURER DISCLAIMER:** The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.