

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: Energizer XL
Recommended Use : Form Release Agent
Manufacturer/Supplier : M-Chem Solutions LLC
457 Nathan Dean Blvd, Ste 105-319
Dallas , GA 30132

Phone numbers:

M-Chem Solutions LLC 847-305-9873

Emergency Telephone Number:

Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call INFOTRAC Day or Night .

Within USA and Canada : **1 800 535-5053**

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

Classification of the substance or mixture

Carc. 1B H350 May cause cancer.
Skin Sens. 1 H317 May cause an allergic skin reaction.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable.

Information concerning particular hazards for human and environment: Product has to be labeled due to internationally acknowledged calculation procedures using the latest valid versions.

Classification system: The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

GHS Label Elements:



GHS07

Signal Word: Danger

Hazard-determining components of labeling:

Distillates (petroleum), hydro treated light naphthenic. Distilled Tall Oil Fatty Acids

Hazard statements

May cause an allergic skin reaction.
May cause cancer.

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Precautionary statements

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hydrocarbon Oil Mixture CAS#: 8042-47-5, 64742-46-7, 64742-53-6 >90%
(Mineral Oil, Mineral Seal Oil, Distillates (petroleum), Hydro-treated Light Naphthenic)

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels.

4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Seek medical attention.

Skin: Remove contaminated clothing and wipe off excess. Wash with soap and water or with waterless hand cleaner, followed by soap and water. Do not reuse clothing until cleaned.

Ingestion: If swallowed, do not induce vomiting. In general, no treatment is required unless large quantities are ingested. Seek medical attention.

Eyes: Flush with water for 15 minutes while holding eyelids open. Seek medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water with foam, CO2 or Dry Chemical.

FIRE FIGHTING PROCEDURES: Wear full protective clothing, including protective gloves and boots. For respiratory protection, wear a NIOSH approved self-contained breathing apparatus with full face piece operated in a positive-pressure mode. Work upwind if possible. Cool fire exposed containers, surrounding equipment and structures with water.

6. ACCIDENTAL RELEASE MEASURES

PROCEDURES FOR CLEANUP: Wear recommended personal protective equipment. Shut off source of leak, if safe to do so. Dike and contain. Remove with vacuum truck or pump to storage vessels. Soak up residues with absorbent. Dispose of waste at an appropriate disposal facility in compliance with Federal and local regulations. This product is oil under the Clean Water Act. Keep out of surface waters and any water courses or sewers entering or leading to surface waters

7. HANDLING AND STORAGE

HANDLING Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.

PROTECTION AGAINST EXPLOSIONS AND FIRE: Keep respiratory protective equipment available.

CONDITIONS FOR SAFE STORAGE

- | | |
|---|---------------------------------|
| • Storeroom requirements: | No special requirements. |
| • Requirements for storage in one common storage facility: | Not required. |
| • Other information about storage conditions: | Keep receptacle tightly sealed. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Ventilation: Provide adequate local exhaust ventilation to minimize worker exposure as described in ACGIH Industrial Ventilation Manual.

EXPOSURE CONTROLS: None established for the product.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection: Use NIOSH approved respirator for overexposure.
Protective Gloves: Yes
Eye Protection: Safety Glasses
Other Protective Clothing or Equipment: Minimize skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Appearance: Liquid
Odor: Mild
Color: Yellow/Amber

Property	Value	Remarks – Method
Vapor Pressure	Not Available	
Vapor Density	Not Available	
Relative Density	Not Available	
pH:	Not Relevant	
Melting/Freezing Point	Not Relevant	
Solubility	Not miscible or difficult to mix	
Evaporation Rate	Not Available	
Flash Point	>295 Degrees F (>146 Degrees C)	PMCC (D93)
Flammability Limits	Not Available	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	> 230 °C (482 °F)	
Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	0.88	Density: 7.35 lb./gal. +/- 0.1

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Possibility of hazardous reactions: No dangerous reactions known.
Conditions to avoid: No further relevant information available.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Mist is irritating to the eyes, skin, and respiratory tract. Oral toxicity is low. While product is ingested orally for use as a laxative, ingestion of excessive amounts may result in nausea, vomiting, and diarrhea.

Highly refined mineral oils are classified as IARC Group 3 (not classifiable as to its carcinogenicity)

TOXICITY DATA: No information found for the product.

12. ECOLOGICAL INFORMATION

Eco toxicity:	No known significant effects or critical hazards.
Persistence and Degradability:	No Data Available
Bioaccumulation:	No Data Available
Mobility:	No Data Available
Other Adverse Effects:	No Data Available

13. DISPOSAL CONSIDERATION

Waste treatment recommendation: It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.

Uncleaned/used packaging recommendation: Disposal must be made according to Federal, State, and Local regulations.

14. TRANSPORT INFORMATION

UN-Number (DOT, ADR, ADN, IMDG, IATA)	Not Regulated
UN proper shipping name (DOT, ADR, ADN, IMDG, IATA)	Not Regulated
Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class	Not Regulated
Packing group (DOT, ADR, IMDG, IATA)	III
Environmental hazards: Marine pollutant:	No
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information: ADR	
U.S. Domestic Ground Shipments:	Not Regulated by D.O.T.
U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments:	Same as listed for Standard Shipments above.
Emergency Response Guide (ERG) Number:	Not determine
UN "Model Regulation":	III

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture (Sara)

Section 355 (extremely hazardous substances): None of the ingredient is listed.

Section 313 (Specific toxic chemical listings): This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below. None of the ingredients is listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65

Chemicals known to the State of California (Prop. 65) to cause cancer:	None of the ingredients is listed.
Chemicals known to cause reproductive toxicity for females:	None of the ingredients is listed.
Chemicals known to cause reproductive toxicity for males:	None of the ingredients is listed.
Chemicals known to cause developmental toxicity:	None of the ingredients is listed.

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Carcinogenicity categories

EPA (Environmental Protection Agency)

TLV (Threshold Limit Value established by ACGIH)

MAK (German Maximum Workplace Concentration)

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

None of the ingredients is listed.

None of the ingredients is listed.

None of the ingredients is listed.

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

16. OTHER INFORMATION

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of the manufacturer knowledge; however, the manufacturer makes no warranty whatsoever expressed or implied of MERCHANTABILITY or FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. The manufacturer assumes no responsibility for injury to recipient or to third persons or for any property and recipient assumes all such risk.