

MATERIAL SAFETY DATA SHEET
Rosen's, Inc. P.O. Box 933, Fairmont, MN 56031

P Max LFS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name(s): P Max LFS

Rosen's Inc., P.O. Box 933, Fairmont, MN 56031

24 Hour Emergency Phone Number: 800-424-9300 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredient

Copoly-[(3-carboxypropionamide)(2-(carboxymethyl)acetamide)], sodium salt (CARPRAMID); CAS No.: 34345-47-6; % by weight: 38.2%

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

Inhalation: Not a likely route of exposure.

Eye contact: Not known to produce irritation.

Skin contact: Not known to produce irritation.

Ingestion: Not known to be harmful. May cause nausea, vomiting and diarrhea.

4. FIRST AID MEASURES

INHALATION: Remove to fresh air.

EYE CONTACT: Immediately flush with water for a minimum of 15 minutes.

Contact a physician if irritation persists.

SKIN CONTACT: Flush with large amounts of water. Use soap if available.

Launder clothing prior to reuse.

INGESTION: Do not induce vomiting. Give large quantities of water. Contact a physician.

5. FIRE FIGHTING MEASURES

FLASH POINT: None (PMCC)

FLAMMABLE LIMITS: Not applicable

AUTOIGNITION TEMPERATURE: Not available

GENERAL HAZARD: This product would not be expected to burn unless all water has evaporated or boiled away.

FIRE FIGHTING INSTRUCTION: Use extinguishing media appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Contain spill with an absorbent material. Dispose of in accordance with applicable federal, state and local regulations. Product itself is classified as a non-hazardous polymer waste for disposal purposes.

7. HANDLING AND STORAGE

Store product at ambient temperature. Keep containers closed.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: General ventilation is adequate.

PERSONAL PROTECTION:

Respiratory protection: Not required under normal use and conditions.

Eye protection: Chemical (splash-proof) goggles

Hand protection: Butyl rubber gloves

9. TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Color/Form:	Amber liquid	Freeze point:	-10 to -20° C
pH:	8.0 - 9.5	Solubility:	Very soluble in water
Specific gravity:	1.25-1.27	LogPow:	< 3
Flash point:	None		
Concentration:	38.2% by weight		

10. STABILITY AND REACTIVITY

GENERAL: This product is stable.
 INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:
 Possible interactions with strong oxidizers.

11. TOXICOLOGICAL INFORMATION

Acute oral LD50 (Rat): >5000 mg/Kg (non-toxic - limit test, no mortality)
 Acute inhalation LC50 (Rat): > 5.1 mg/l (4-hour - limit test, no mortality)
 Eye Irritation (Rabbit): Non-irritant
 Dermal Irritation (Rabbit): Non-irritant

12. ECOLOGICAL INFORMATION

This product is regarded as inherently biodegradable under OECD guidelines.
Ecotoxicity - Fresh Water
 Water Fleas (*Daphnia pulex*) 48 hr LC50: 1792 mg/l
 Fathead minnow 48 hr LC50: 2117 mg/l
 Algae (*Selenastrum capricornutum*): 96 hr NOEC: 62 mg/l, LOEC: 125 mg/l

13. DISPOSAL INFORMATION

Material is classified as a non-hazardous polymer waste for disposal purposes. Contact a licensed chemical waste hauler to ensure proper disposal.

14. TRANSPORT INFORMATION

US DOT: This material is classified as non-hazardous under Department of Transportation regulations.
 UNITED NATIONS: This material is not classified for transportation.

15. REGULATORY INFORMATION

TSCA: This product and its components are listed on the TSCA Inventory.
 EINECS: All monomers, reactants and other components are listed on EINECS.
 CERCLA: Not reportable.
 SARA Title III:
 311/312 Hazard Categories: Non-hazardous
 313 Reportable Ingredients: None
 EUROPEAN INFORMATION: Non-hazardous material.

16. OTHER INFORMATION

This product's Material Safety Data Sheet provides environment, health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Rosen's, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.