

MATERIAL SAFETY DATA SHEET

Effective Date: 07/22/94

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **PILOT[®]SXS-40**
Chemical or Common Name: Sodium Xylene Sulfonate; Benzenesulfonic acid, dimethyl-, sodium salt.
Pilot Chemical Company
11756 Burke Street
Santa Fe Springs, CA U.S.A.
Emergency Phone No.
1-562-945-1867 (8 - 4 Pacific Time)
CHEMTREC: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component:</u>	<u>CAS#:</u>	<u>Exposure Limits:</u>	<u>Wt%:</u>
Sodium xylene sulfonate	1300-72-7	Not Established	40 - 42
Water	7732-18-5		58 - 60

3. HAZARDS INFORMATION:

EMERGENCY OVERVIEW: May cause skin and eye irritation. May cause nausea, diarrhea, and vomiting if ingested. Repeated skin contact may result in the development of dermatitis.

Potential Health Effects:

EYE: Causes irritation, experienced as pain, with excess blinking and tear production, and seen as marked excess redness and swelling of the eye with injury to the cornea.

SKIN: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation and discomfort, seen as local redness, swelling, rashes or dermatitis.

INGESTION: May cause abdominal discomfort, nausea, diarrhea, and vomiting.

INHALATION: Not an expected route of entry.

CHRONIC INFORMATION: Material is non-carcinogenic. Repeated skin contact may cause persistent irritation or dermatitis.

4. FIRST AID MEASURES:

EYES: Immediately flush eyes including under the eyelids with running water for 15 minutes. Seek medical assistance if irritation persists.

Skin Contact: Wash area with running water for 5 to 10 minutes. Contaminated clothing should be washed before reuse.

INGESTION: Drink several glasses of water. Do not induce vomiting. Call a physician.

Inhalation (Breathing): Not applicable.

5. FIRE FIGHTING MEASURES:

FLAMMABLE PROPERTIES: Non-flammable water solution.

FLAMMABLE LIMITS: Flash Point >200°F. PMC

COMBUSTION PRODUCTS: Water must be boiled-off before product will burn. Burns to form oxides of carbon and sulfur in large fires.

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5. FIRE FIGHTING MEASURES (Continued):

FIRE FIGHTING INSTRUCTIONS:

Extinguishing Media: Dry Chemicals

Fire Fighting Procedures: The liquid will not sustain combustion.

Fire & Explosion Hazards: None known.

NFPA: H1= Slightly Hazardous; F0 = Will not burn; R0 = Normally Stable

6. ACCIDENTAL RELEASE MEASURES:

SMALL SPILLS:

Steps to be taken in case material is leaked or spilled: Recover all material practical for use. Soak up balance with sand, dirt, or other absorbent and haul to an approved landfill. Wash residue to industrial sewer with water. Avoid direct discharge to natural waterways or public water supplies; product is toxic to aquatic life!

LARGE SPILLS: In case of spills by truck or rail car, recover what you can with a vacuum truck. Soak up balance with sand, dirt, or absorbent. Call **CHEMTREC at 1-800-424-9300.**

7. HANDLING AND STORAGE:

HANDLING: Wash thoroughly after handling. Do not get in eyes. Avoid skin and clothing contact. (See Section 8 for additional information.)

STORAGE: Store above 50°F in lined steel, Liquepak, or P/E drums. Stainless steel, lined steel, or reinforced P/E tanks should be used for bulk storage, check with tank manufactures.

If temperature of stored material drops below 50°F, crystallization may occur. Warm to restore to original condition, do not overheat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

ENGINEERING CONTROLS: No special equipment required.

RESPIRATORY PROTECTION: Not required.

SKIN PROTECTION: Chemical resistant gloves, long sleeved shirt, long trousers, chemical resistant boots.

EYE PROTECTION: Full face-shield, eye fountain and safety shower near work area.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Flash Point:	Non-flammable water solution.
Vapor Pressure:	16.6 mm Hg @ 20°C
Vapor Density (Air=1):	N/A
Solubility in Water:	Infinite.
Liquid Density @ 25°C:	10 Lbs./Gal
% Volatile by Weight:	55 – 60 as water.
pH of Liquid, 10% in water (Typical):	7.0 – 9.0
Odor:	Faint detergent odor.
Appearance:	Clear water-white to straw colored liquid.

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10. STABILITY AND REACTIVITY:

Stability: Stable at normal temperatures and pressures.
Conditions to Avoid: None.
Incompatibility: Strong oxidizing agents.
Hazardous Decomposition: None
Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION:

EYES: Irritation marked by redness, swelling of eyelid, and eye discharge.
SKIN: Irritation marked by slight redness of the exposed site.
INGESTION: Oral Rat LD₅₀: 4000 mg/Kg
INHALATION: TLV: Not established
CARCINOGENICITY: NTP, IARC, OSHA Reg.: Not Listed.

12. ECOLOGICAL INFORMATION:

ECOTOXICOLOGICAL INFORMATION: Material is readily biodegradable in waste water treatment systems.
CHEMICAL FATE INFORMATION: Material totally biodegrades under aerobic conditions of secondary wastewater treatment systems.

13. DISPOSAL CONSIDERATIONS:

Waste disposal method: Dispose of the material per federal, state, and local regulations.

14. TRANSPORTATION INFORMATION:

Proper Shipping Name: Non Regulated
Packaging Group: None established;
EPA Reportable Quantity: None established.
Hazard Class: None.

15. REGULATORY INFORMATION:**FEDERAL EPA****TSCA STATUS:**

All chemicals contained in this product are on the TSCA Chemical Substances Inventory.

CERCLA:

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4.

Components present in this product at a level that could require reporting under the statutes are: None.

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15. REGULATORY INFORMATION (Continued):

FEDERAL EPA- Continued

SARA Title III - Sections 302, 304, 311, 312, 313

NONE

Volatile Organic Compounds (VOC): None present.

INTERNATIONAL REGULATIONS

Global Status: Australia – AICS; Canada – DSL; EEC – EINECS; Japan – ENCS; and Korea – ECL all listed.

STATE RIGHT-TO-KNOW

CALIFORNIA Proposition 65: No substances present.

MASSACHUSETTS Right-To-Know: Refer to CERCLA information.

NEW JERSEY Right-to-Know: Pilot®SXS-40 is subject to the New Jersey labeling requirements on both package and bulk storage tanks. Refer to Section #2.

PENNSYLVANIA Right-To-Know: Refer to CERCLA information.

16. OTHER INFORMATION:

NFPA Ratings: H1 = Slightly Hazardous; F0 = Will not burn; R0 = Normally stable.

HMIS: H1-F0-R0-PB or PD

This data sheet is for information purposes only and is accurate to best of Pilot Chemical Company's knowledge. The manufacture makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained therein.

Prepared By: B.F. Cruickshank _____ Revised By: B.F. Cruickshank _____