



MATERIAL SAFETY DATA SHEET (MSDS)

Product Name:	OXONIL SXS 40	Document code:	PSJ-RD-FR-22-00
Chemical name:	Sodium Xylene Sulfonate	Revision number:	00
Chemical class:	Hydrotope	Revision date:	

COMPANY IDENTIFICATION

Manufacturer: PADIDEH SHIMI JAM CO.

Tell: +98 21 88580000

Address: No.16, Western Fourth Golbarg St., Baharestan St., Dadman Blvd., TEHRAN, IRAN

FIRST AID MEASURES

Potential health effects

Eyes: Immediately flush eyes with plenty of water for 10 - 15 minutes. If irritation persists get medical attention immediately.

Skin: Flush with large amounts of water. If irritation developed or persists, immediately take off contaminated clothing. Wash contaminated clothing separately before reuse.

Inhalation: Move the patient to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen and get medical attention immediately.

Ingestion: If ingestion of a large amount does occur, seek medical attention. Do NOT induce vomiting

COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
Water	7732-18-5	58 - 60 %
Sodium Xylene Sulfonate (SXS)	1300-72-7	39 - 41 %
Sodium Sulphate	7757-82-6	0 - 2 %

FIRE FIGHTING MEASURES

Suitable extinguishing media

Water fog, foam, dry chemical powder, Carbon dioxide (CO₂).

Hazardous combination product

Material is not flammable, but if involved in a fire could be five toxic fumes such as sulfur dioxide. Use self-contained breathing apparatus. Use ant suitable firefighting medium.

ACCIDENTAL RELEASE MEASURES

Personal precautions

Isolate area. Ventilate closed spaces before entering. Keep unnecessary personnel away. Stay upwind and keep out of low areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so.

Methods for containment

Prevent entry into waterways, sewers, basements, or confined areas.

Methods for cleaning up

Wear appropriate protective equipment and clothing during clean-up.

Small Spills: Use a non-combustible material like vermiculite, sand, or earth to soak up the product and place it into a container for later disposal.

Large Spills: Dike far ahead of liquid spill for later disposal.

HANDLING & STORAGE

Handling

Avoid contact with skin and eyes. Wash thoroughly after handling.

Storage

Store in cool, dry, and well-ventilated place.





MATERIAL SAFETY DATA SHEET (MSDS)

Product Name:	OXONIL SXS 40	Document code:	PSJ-RD-FR-22-00
Chemical name:	Sodium Xylene Sulfonate	Revision number:	00
Chemical class:	Hydrotope	Revision date:	

EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Use general ventilation. Local exhaust is suggested for use where possible in enclosed or confined space. Eye wash fountain and emergency shower are recommended. Wear chemical gloves or face shield. Wear suitable protective clothing. Use impervious gloves.

Handle product in closed packaging. If ventilation is insufficient to effectively prevent buildup of dusts, appropriate respiratory protection must be provided.

PHYSICAL & CHEMICAL PROPERTIES

Physical state	Liquid (20 °C)
Odor	Mild
pH	7 - 9 (Direct)
Color	Amber to light Yellow
Crystallization point	16 °C
Evaporation rate	Estimated slower than ethyl ether
Flammability	N/A
Vapor pressure	Unknown
Vapor density	Estimated lighter than air
Relative density	1.1 – 1.2 g/mL

STABILITY & REACTIVITY

Chemical stability

Stable at normal conditions.

Incompatible materials

Strong oxidants.

Hazardous decomposition products

Oxides of sulfur, carbon dioxide, and carbon monoxide.

Possibility of hazardous reactions

This will not occur.

Condition to avoid

Extremes of temperature.

TOXICOLOGICAL INFORMATION

Product	Test results
VESTOSOL SXS 40	Acute Dermal LD50 Rat: < 0.8g/kg. Slightly toxic dermally.
	Acute Oral LD50 Rat: > 5g/kg. Practically non-toxic orally as a 40% solution.
Carcinogenicity	Product not listed as carcinogenic
Inhalation	N/A
Skin contact	Moderate irritation to skin
Eye contact	Moderate irritation to the eye
Ingestion	May cause nausea. No toxic effect expected

ECOLOGICAL INFORMATION

Ecotoxicological data	
Aquatic	LC50 Fish: >1000 mg/l. (relatively harmless).
Terrestrial	Readily biodegradable
Biodegradability	> 95%
Bioaccumulative potential	Will not bioaccumulate
Mobility in soil	Will not occur.





MATERIAL SAFETY DATA SHEET (MSDS)

Product Name:	OXONIL SXS 40	Document code:	PSJ-RD-FR-22-00
Chemical name:	Sodium Xylene Sulfonate	Revision number:	00
Chemical class:	Hydrotope	Revision date:	

DISPOSAL CONSIDERATIONS

Follow local regulations in force. The container used for packaging this material should be returned to the supplier or a reputable drum re-conditioning company for cleaning before re-use or disposed of as hazardous waste. Packaging should under no circumstance be used for the storage of water for human consumption.

TRANSPORT INFORMATION

UN No	N/A
UN Proper shipping name	Sodium Xylene Sulphonate
Transport Hazard class	9
Packaging group	3
Marine pollutant	No

REGULATORY INFORMATION

Physical Hazards	None	
Health Hazards	H303	May be harmful if swallowed
	H315	Causes mild skin irritation
	H320	Causes eye irritation
Environment Hazards	H403	Harmful to aquatic life

Issue date: 20 AUGUST 2023

