

1. Identification

Name of the product: SWR Oil Separator SDS Code: SWR OS
Recommended use: Alkaline industrial general purpose cleaner/ degreaser
Use not recommended: No use that involves skin contact.
Company: SWR Corporation Telephone: 503-224-9233
1630 SW Morrison St Suite 220 Cell: 503-348-9262
Portland, OR 97205 e-mail: exitpoll@aol.com
Emergency Number: 503-348-9262

2. Hazard(s) identification

GHS Classification in accordance with 29 CFR 1910 :
Skin corrosion (Cat. 1) H313 May be harmful in contact with skin
Serious eye damage (Cat. 1) H318 Causes serious eye damage.
GHS Label elements, including precautionary statements
Pictogram



Signal word: Danger

Hazard statements:

H313 May be harmful in contact with skin

H318 Causes serious eye damage.

Keep out of waterways.

3. Composition / Information on ingredients

Chemical identity: Silicic acid, di sodium salt pentahydrate 5.3%
Common name: Sodium metasilicate pentahydrate
Numbers of identity: CAS 10213-79-3
Chemical identity: Ethoxylated tridecyl alcohol 4.5%
Common name: Nonionic, ethoxylated alcohol
Numbers of identity: CAS 78330-21-9
Impurities/ other ingredients: None which change the rating of the product.

4. First-aid measures

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+352 IF ON SKIN: Wash with soap and water
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water.
P304+341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes.
Remove contact lenses if present and easy to do; continue rinsing.
Most important symptoms and effects, both acute and delayed: Severe eye irritation. Skin irritation.
Indication of any immediate medical attention and special treatment needed when necessary:
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

5. Firefighting measures

Suitable extinguishing media : Product is not flammable.
Use equipment appropriate for the main cause of a fire.
Precautions: Special protective equipment for firefighters: No special protective equipment required.
Flash point: Does not flash.
Autoignition temperature: Does not ignite.
Specific hazards in case of fire: Nitrogen and sulfur oxides produced if product is dried and burned.
Special protective equipment and precaution for fire fighters:
Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Personal precautions:

Spill may be slippery. Avoid breathing vapors.

Environmental precautions:

Prevent spills from entering storm sewers or drains and contact with soil.

Methods and materials for containment and cleaning up:

Vacuum or mop up for possible use or reclaim. Common industrial absorbents may be used.

Dispose as non hazardous waste.

7. Handling and storage

Precautions for safe handling:

Avoid contact with eyes. Avoid prolonged or repeated skin contact and breathing mists/vapors.

Conditions for safe storage, including incompatibilities:

Standard safe storage conditions are appropriate: avoid package damage and extremes in temperature: below 32° and above 120°F. Keep package closed tightly.

8. Exposure controls / personal protection

Information on the system design:

Product is intended for external use only. Stay up wind, out of any spray developed.

Exposure Limits: Reference 29CFR 1910.1000 Table Z-1

Component Name (CAS)	TWA	STEL
	ppm	ppm
Sodium metasilicate pentahydrate (CAS 10213-79-3)	NE	NE
Ethoxylated tridecyl alcohol (CAS 78330-21-9)	NE	NE

NE= Not Established

Personal protective equipment

Respiratory protection: No requirement anticipated.

Hand protection: Rubber gloves.

Eye protection: Safety glasses with side-shields.

Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.

Hygiene measures : Wash hands and face before breaks and immediately after handling the product.

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance: Clear red liquid

Odor: Nil

Odor threshold: Not available

pH-value: 12.5 approx.

Melting point: Not available

Freezing Point: Not available

Initial boiling point: Approximately 100°C.

Flash point: Does not flash.

Evaporation rate: Not available

Flammability (solid, gas): Not applicable

Explosion limits: Not explosive

Vapor pressure: (highest partial vapor pressure) at 20°C: Not available

Vapor density: Not available

Relative density (water=1.00): 1.1 approx.

Solubility: Totally soluble in water at 20°C

Partition coefficient: Log Kow = Not applicable to mixture.

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Like water

10. Stability and reactivity

Chemical stability: No decomposition, if used according to specifications.

Possibility of hazardous reactions: Hydrogen may be formed by contact with metals listed below.

Conditions to avoid: No dangerous conditions known.

Materials to avoid: No common materials present a hazard.

Hazardous decomposition products: None are known. Also see Section 5.

11. Toxicological information

Acute Toxicity: No information available for finished product.

Test Sodium metasilicate penta hydrate
CAS 10213-79-3

Oral Toxicity LD 50 (Rats) 1500-3200 mg/kg

Dermal Toxicity LD 50 (Rabbit) No data

Inhalation Toxicity, Vapor No data

Eye Irritation (Rabbit) No data

Dermal Irritation (Rabbit) OESD 404 Corrosive.

Likely/ possible routes of exposure: Ingestion, skin and eye contact.

Skin: The product is not expected to be toxic by skin absorption.

Oral: The product is not expected to be toxic by ingestion.

Inhalation: The product is not expected to be toxic by inhalation.

Sensitization: The product is not expected to be sensitizing.

Chronic toxicity: Prolonged skin contact may defat the skin and produce dermatitis.

Carcinogenicity: No component listed by NTP, IARC, OSHA or ACGIH as a suspect or potential carcinogen.

Summary Comments: Product may have a drying effect on the skin; frequent or prolonged contact may cause flaking or cracking of the skin.

12. Ecological information

Persistence and degradability:

Ecotoxicity: The product has not been tested.

The following data is reported for

Sodium metasilicate penta hydrate CAS 10213-79-3

LC50: Fish *Gambusia affinis* 2320 ppm; 96 h

LC50: Flea *Daphnia magna* 247 ppm; 96h

LC50 Snail eggs *Lymnea* 632 ppm; 96h

LC50 Amphipoda 160 ppm; 96h

Mobility in soil: No data available.

Results of PBT and vPvB assessment: No data available

Other adverse effects: No data available.

13. Disposal considerations

Product as supplied is not an unlisted hazardous waste. Do not discharge to sewer.

Dispose in accordance with local, state and federal regulations.

14. Transport information

Domestic transport: Not classified as dangerous goods under transport regulations.

Sea transport (IMDG): Not classified as dangerous goods under transport regulations.

Air transport (IATA/CAO): Not classified as dangerous goods under transport regulations.

15. Regulatory information

Inventory Status:

All components are on TSCA, EINECS/ELINCS, AICS, and DSL.

U.S. Regulations:

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:

SARA (311/312) HAZARD CATEGORIES: None

Marine pollutant: None

SARA 313: This product contains the following SARA 313 Toxic Release Chemicals.

Chemical Name	CAS Number	Concentration
None		

RQ: Not possible in non bulk packaging.

The following product components are cited on the lists below:

Chemical Name	CAS Number	List Citations
No data		

California Prop. 65 chemicals: 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

SDS Preparation date: June 15, 2015

Replacing SDS dated June 11, 2015, adding Skin at Cat. 1, adding Danger due to product pH.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference
Immediate	Yes	No	No	No	49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Delayed	No	No	XXX	XXX	

HMIS Hazard ratings: Health 2 Fire 0 Instability 0 Other B (Goggles, gloves)

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

MSDS's found from ingredient suppliers do not provide sufficient information for complete categorization of the hazards as of the date of preparation of this document. Expert opinion and judgment has been used where deemed necessary and appropriate.

Note: The information in this SDS was obtained from current reputable and competent sources.

However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.