

# SAFETY DATA SHEET

Date issued : 02/02/2023

SDS number : JNS\_Optically Enhanced Floor Cleaner

## Optically Enhanced Floor Cleaner

### 1. Identification

**Product identifier:** Optically Enhanced Floor Cleaner  
**Product description:** Optically Enhanced Neutral Floor Cleaner  
**Chemical family:** Detergent Blend  
**Relevant identified uses:** Floor cleaner

#### Distributor

JNS Cleaning  
455 E Eisenhower Pkwy.  
Suite 70  
Ann Arbor, MI 48108  
**Customer Service:** 734-222-6243

### 2. Hazard identification

#### Classification of the substance or mixture

This product is not classified as hazardous according to OSHA 29 CFR §1910.1200 (HazCom 2012-GHS).

#### Label elements

#### Precautionary statement(s)

##### Prevention:

P262: Do not get in eyes, on skin, or on clothing.  
P102: Keep out of reach of children.

##### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water

##### Storage:

P404: Store in a closed container.

##### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

#### Emergency overview

**Physical appearance:** Green liquid

**Immediate concerns:** Mild eye irritant.

#### Potential health effects

**Eye:** Contact may cause eye irritation.

**Skin:** No known significant effects or critical hazards.

**Skin absorption:** None Expected.

**Ingestion:** Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**Inhalation:** None Expected.

#### Reproductive toxicity

**Reproductive toxicity:** None known.

**Teratogenic effects:** None known.

**Carcinogenicity:** None known.

**Mutagenicity:** None known.

**Routes of entry:** Eye contact

**Cancer statement:** None

**Sensitization:** None known.

**Warning caution labels:** None

### 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Nonoxynol	0 - 5	127087-87-0
Tetrasodium EDTA	0 - 5	64-02-8

Sodium Xylenesulfonate	0 - 5	1300-72-7
Disodium Distyrylbiphenyl Disulfonate	0 - 1	27344-41-8
Fragrance	< 1	TS
Dye	< 0.1	TS
Water	85 - 95	7732-18-5

**Comments:** If CAS number is "TS", the specific chemical identity has been withheld as a trade secret.

#### 4. First-aid measures

**Eye:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**Skin:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**Inhalation:** No known significant effects or critical hazards.

**Most important symptoms and effects, both acute and delayed**

**Acute effects:** None known.

**Chronic effects:** No known significant effects or critical hazards.

#### 5. Fire-fighting measures

**Flammable class:** NA = Not Applicable

**General hazard:** NA = Not Applicable

**Suitable extinguishing media:** NA = Not Applicable

**Fire fighting procedures:** NA = Not Applicable

#### 6. Accidental release measures

**Small spill:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**Large spill:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

**Environmental precautions**

**Water spill:** Avoid discharges into open waterways and notify your local emergency services if this occurs.

**Land spill:** Avoid discharge to soil.

**Air spill:** NA = Not Applicable

#### 7. Handling and storage

**General procedures:** Close container after use.

**Precautions for safe handling:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**Conditions for safe storage:** Store in area inaccessible to children.

**Storage temperature:** Store at ambient temperatures.

#### 8. Exposure controls/personal protection

**Appropriate engineering controls:** None

**Individual protection measures, such as personal protective equipment**

**Eye / face protection:** Safety glasses with side shields.

**Skin protection - hand protection:** Rubber or other chemical resistant gloves.

**Respiratory protection:** NA = Not Applicable

**Skin protection - other:** NA = Not Applicable

#### 9. Physical and chemical properties

**Physical state:** Liquid

**Color:** Green

**Odor:** Fresh & Clean

**Odor threshold:** Not Established

**pH:** 6.5 to 7.5

**Melting point:** Not Available

**Freezing point:** 32° F; 0° C

**Initial boiling point and boiling range:** 212° F; 100° C

**Flash point:** None

**Evaporation rate (n-butyl acetate = 1):** (Water = 1) 1.0

**Lower explosion limit / flammability limit:** N/A

**Vapor pressure:** Not Available

**Relative vapor density:** 1 Air = 1

**Density:** 8.46 at (68°F)

**Relative density:** 1.014 grams/ml.  
**Solubility:** Complete  
**Auto-ignition temperature:** NA = Not Applicable  
**Decomposition temperature:** Not Available  
**Viscosity:** Water thin.  
**Percent volatiles:** >90  
**VOC content:** None

#### 10. Stability and reactivity

**Reactivity:** Stable  
**Dangerous polymerization:** Will not occur.  
**Chemical stability:** No known significant effects or critical hazards.  
**Conditions to avoid:** Strong oxidizing materials.  
**Hazardous decomposition products:** None Expected.  
**Incompatible materials:** Strong oxidizers

#### 11. Toxicological information

##### Acute toxicity

Chemical name	LD <sub>50</sub> (oral) mg/kg(rat)	LD <sub>50</sub> (dermal) mg/kg(rabbit)	LC <sub>50</sub> (inhalation) mg/l
Nonoxynol	960 to 3980 mg/kg (rat)	2000 to 2991 mg/kg (rabbit)	1.15 mg/L
Tetrasodium EDTA	3030 mg/kg (rat)	> 5000 mg/kg (rabbit)	No data available

**Acute dermal toxicity LD<sub>50</sub>:** No known significant effects or critical hazards.

**Acute inhalation toxicity LC<sub>50</sub>:** No known significant effects or critical hazards.

**Skin corrosion / irritation:** No known significant effects or critical hazards.

**Respiratory or skin sensitization:** No known significant effects or critical hazards.

**Germ cell mutagenicity:** No known significant effects or critical hazards.

##### Carcinogenicity

**IARC:** No listed substance

#### 12. Ecological information

**Ecotoxicological information:** Not Established

**Aquatic toxicity, both acute and chronic:** Not Established

**Other adverse effects:** No known significant effects or critical hazards.

#### 13. Disposal considerations

**Disposal methods:** Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.

**For large spills:** Consult with local and state authorities for large volume disposal.

**Product disposal:** See above.

**Empty container:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA waste information:** NA = Not Applicable

#### 14. Transport information

**USA Department of Transport Regulations (DOT)**

**UN proper shipping name:** Cleaning Compound, not regulated.

**U.S. Customs harmonization number:** 3402.90.10.00

#### 15. Regulatory information

##### UNITED STATES

##### SARA Section 311/312 Hazard Categories

**311/312 Health hazards:** Health - Acute

**313 reportable ingredients:** No listed substance

##### EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.	Comments
Nonoxynol	0 - 5	127087-87-0	N535 Nonylphenol Ethoxylates

##### EPCRA Section 302 Extremely Hazardous Substances

**EPCRA Status:** NA = Not Applicable

##### CERCLA Hazardous Substances and Reportable Quantities (RQ)

**CERCLA regulatory:** NA = Not Applicable

**TSCA (The Toxic Substances Control Act)**

**TSCA regulatory:** All ingredients are listed on the TSCA Chemical Inventory.

**States with special requirements**

Chemical name	Requirements
Nonoxynol	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance

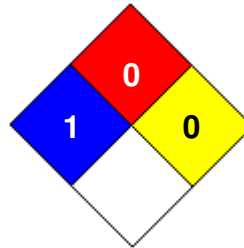
**Carcinogen:** No listed substance

**16. Other information**

**Date Prepared:** 02/02/2023

**HMIS rating**

Health	1
Flammability	0
Physical hazard	0
Personal protection	B

**NFPA codes**

**Manufacturer disclaimer:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.