



# Safety Data Sheet

## MicroShield 360 Pure Cleaner & Degreaser

### SECTION I – IDENTIFICATION

Product Name: MicroShield 360 Pure Cleaner & Degreaser  
Product Description: 0.10% Sodium Hydroxide Solution generated Electro-Chemically from Diluted Brine  
CAS Number: None (Mixture)  
Recommended Use: This product is a ready-to-use, all-purpose surface cleaner for removing grease and oil deposits.  
Restricted Use: This product is not for human or animal use.  
Manufacturer: MS360 LLC  
Address: 4700 Rockside Rd, Independence, OH 44131, USA  
Number: (800) 686-4360 | Chemtrec Emergency Number:(800)-424-9300

### SECTION II – HAZARDS IDENTIFICATION

HMIS Rating:

- Health = 0
- Flammability = 0
- Physical = 0
- Reactivity = 0

NFPA/HMIS Definitions

0 = Minimal Hazard  
1 = Slight Hazard  
2 = Moderate Hazard  
3 = Serious Hazard  
4 = Severe Hazard

#### Hazard Information Disclosures:

TSCA: All chemicals in this product are listed on the EPA TSCA inventory list.  
CERCLA / SARA: This product does not fall under any hazardous categories under SARA Sections 311 and 312.  
OSHA: This product is not a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR § 1910.1200.

#### Product Label on Hazard Information:

- Keep out of Reach of Children

### SECTION III – COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Component(s)</u>	<u>CAS #</u>
Water	7732-18-5
Sodium Hydroxide	1310-73-2
Sodium Chloride	764714-5

The product contains a maximum of 1000 ppm (0.10%) disassociated Sodium Hydroxide (NaOH). Sodium Hydroxide is considered GRAS (Generally Recognized as Safe) under 21 CFR §184.1763.

### SECTION IV – FIRST-AID MEASURES

Not Applicable. This product has no precautionary First-Aid measurements.

### SECTION V – FIRE-FIGHTING MEASURES

Not Applicable, this product is Non-Flammable and Non-Explosive. No extinguishing techniques or equipment are required.

### SECTION VI – ACCIDENTAL RELEASE MEASURES

In case of spill or leakages, dike spill with inert absorbent materials (e.g. sand, "oil-dry" or other commercially spill absorbents) to contain and soak spilled liquid. Place wastes into an appropriate waste disposal container. If necessary, neutralize the residue with a dilute solution of acetic acid.

### SECTION VII – HANDLING AND STORAGE

Handling: No special handling requirements; follow use instructions on product label. Open air or good room ventilation and appropriate PPE are adequate for the safe use of this product.  
Storage: Keep container tightly closed in a dry and well-ventilated place at room temperature. Avoid freezing and extreme heat.

**SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

OSHA PEL: Unknown. Cal/OSHA PEL: Unknown.  
NIOSH REL: Unknown. ACGIH TLV: Unknown.  
Engineering Control: None Required. Open air or good room ventilation is adequate for the safe use of this product.

Personal Protective Equipment (PPE):

Respiratory Protection: Not necessary as long as there is adequate ventilation.  
Protective Clothing: Not required under normal conditions of use.  
Hand Protection: Not required under normal conditions of use.  
Eye Protection: Not required under normal conditions of use.

**SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: Liquid  
Color: Clear  
Odor: Odorless  
pH: 11.0 – 12.5  
Specific Gravity (H<sub>2</sub>O = 1 at 20°C): 1.00 – 1.06  
Density: 8.34 lbs/gal  
Viscosity: Comparable to Water  
Boiling Point: Comparable to Water  
Evaporation Rate: Comparable to Water  
Solubility: Complete in Water  
Flammability: Non-Flammable  
Explosive Limits: Non-Explosive

**SECTION X – STABILITY AND REACTIVITY**

Reactivity: Not Reactive under recommended handling and storage conditions.  
Chemical Stability: Stable under recommended handling and storage conditions.  
Hazardous Reactions: Product is Not Hazardous.  
Conditions to Avoid: Freezing and extreme heat.  
Materials to Avoid: Strong oxidizing agents, strong acids and organic materials.  
Hazardous Decomposition Products: May form under fire conditions; nature of decomposition products is unknown.  
Hazardous Polymerization: Will not occur.

**SECTION XI – TOXICOLOGICAL INFORMATION**

Route of Entry / Exposure: Skin Contact Eye Contact  
Inhalation Ingestion

Potential Acute Health Effects:

Skin Contact: No potential health effects; product is non-hazardous.  
Eye Contact: No potential health effects; product is non-hazardous.  
Inhalation: No potential health effects; product is non-hazardous.  
Ingestion: No potential health effects; product is non-hazardous.

Potential Chronic Health Effects:

Carcinogenic Effects: Not Applicable. Mutagenic Effects: Not Applicable.  
Teratogenic Effects: Not Applicable. Developmental: Not Applicable.

Numerical Measures of Toxicity: Unknown.

Preparation Date of Latest Revision: March 1, 2021