



MATERIAL (SAFETY DATA SHEET)

PRODUCT CLEAN 2 PREP

I. Product Identification

Product code: 54200, 54210, 54220

Other Identification means: Aqueous Surfactant Solution

Uses: General Purpose Cleaning

Manufacturer/Supplier
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II. Hazard Identification

GHS Classification:

Health	Environmental	Physical
Acute Toxicity - Not considered an oral, dermal, or inhalation toxin	Non-toxic to Aquatic Organisms	Non Flammable
Eye Corrosion - Eye Irritant Category 2B		
Skin corrosion - Skin Irritant Category 2		
Skin Sensitization - Not considered a skin sensitizer		
Mutagenicity - Not considered a mutagenic compound		
Carcinogenicity - Not considered a carcinogen		
Target Organ Toxicity - Singel Exposure: Not considered a TOS toxin		
-Repeated Exposure : not considered a TOS toxin		

Labeling: WARNING: Causes Eye Irritation - Causes Skin Irritation



Precautionary Statement:

Wash skin / eyes thoroughly after handling. Wear protective gloves. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention/advice. Take off contaminated clothing and wash before reuse.

III. Composition

Chemical Name	% by WT	C.A.S. number
Sodium metasilicate - pentahydrate	< 5%	6834-92-0
Dipropylene Glycol n-Butyl Ether	< 5%	299-28-2
Linear Alcohol Ethoxylate	< 5%	68439-46-3

IV. First Aid Measures

Eye Irritation: Flush with water for 15 minutes. If irritation persists seek medical attention.
 Skin Contact: Remove contaminated clothing. Rinse skin with warm water for 15 minutes. If irritation occurs seek medical attention.
 Inhalation: Remove to fresh air immediately. If irritation persists, contact physician.
 Ingestion: Drink large quantities of water. Call physician immediately.

V. Fire-Fighting Measures

Flammability of the product: Not Flammable
 Flash point: None
 Extinguishing Media: Dry Chemical, Water Fog, Co2, Sand
 Fire fighting procedures: Wear Self Contained Breathing Apparatus
 Products of combustion: Carbon oxides
 Fire Hazards in the presence of other chemicals: No specific information is available
 Unusual Fire Hazards: None expected

VI. Accidental Release Measure

Small Spill: Absorb with industrial absorbent. Dispose of in accordance with local, state & federal regulations. Rinse residue to avoid slippery conditions.
 Large Spill: Non-flammable material. Wear chemical resistant gloves, boots, and goggles. Stop the source of the spill. Collect the spill using mechanical means. Waste disposal method: Fully water-soluble. Follow all local, state and federal regulations.

VII. Storage and Handling Procedures.

Precautions: Store containers upright in cool dry place.
 Storage: Store product in original containers. Do not store in metal vessels.
 Other precautions: Keep out of reach of children.

VIII. Exposure Controls and Personal Protection

Engineering Controls: No control measures are required under normal conditions. If large quantities are involved use NIOSH or MSHA approved respirator. Limited personal exposures exist with this product. As always keep airborne vapors below TLV limits. Ensure that proper work-station safety mechanisms are operative and tested including showers and eyewash stations.
 Personal Protection Equipment: Safety glasses are recommended, chemical resistant gloves aprons and suits are optional for those with dermatological sensitivity.

IX. Physical and Chemical Properties.

Appearance:	Clear solution	Voc content	Less than 0.5%
Boiling Temp	200°F (93.3°C)	Vapor pressure:	4.0 mm Hg @77° F (ASTM D-2879)
Odor :	Characteristic	Evaporation Rate	1.2 (water=1.0)
pH:	12.4	Specific Gravity	1.038 (ASTM 112H @20° C)
Water Solubility Values	Complete		

X. Stability and reactivity

Conditions to avoid: Extreme Heat
 Stability: Stable
 Hazardous Polymerization:: Will not occur
 Corrosivity: Non-corrosive
 Incompatibility: Strong oxidizers, acids,

XI. Toxicological Information

Signs and Symptoms of Overexposure: Redness of eyes or skin due to contact with product, unusual headache.
 Acute Effects: Eye Contact: may cause redness & irritation Skin Contact: may cause redness & irritation.

Acute Toxicity Values	Test	Results	Basis
Oral Toxicity (Rats)		Greater than 5000mg/kg	FHSA/CPSC
Dermal Toxicity (Rabbits)		Greater than 2000mg/kg	OECD 402
Inhalation Toxicity, Vapor(Rats)		ATE value > 20mg/L	Additivity
Eye Irritation (Rabbits)		Eye Irritant Category 2B	FHSA/CPSC
Dermal Irritation (Rabbits)		Mild Skin Irritant	OECD 404

This product is not considered a carcinogen by OSHA, NTP, or IARC.

XII. Ecological Information

Persistence and degradability: This product is expected to be inherently biodegradable.
Bio-accumulative potential: There is no evidence to suggest bioaccumulation will occur.
Mobility: Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

Aquatic Toxicity

Test	Results	Comments
Acute Toxicity	Non-toxic to Aquatic Organisms: Fathead Minnow(Pimephales promelas) LC50> 200mg/L at 96 hours	Product Test Data

XIII. Disposal considerations

Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations. Rinse residue to avoid slippery conditions.

XIV. Transportation information

DOT, ICAO/IATA, IMDG/IMO, TDG, MEX: Not Regulated

XV. Regulatory Information

All components used in this compound appear on the TSCA Inventory

XVI. Other information

Issue Date: 04/08/2015 Revision Date: 05/02/2016

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