



Safety Data Sheet

Free and Clear Laundry Detergent

Section 1. Identification

Product Identifier	Free and Clear Laundry Detergent		
Synonyms	EVSCHM820; MSD_SDS0349		
Manufacturer Stock Numbers	EVSCHM820		
Recommended use	Laundry detergent.		
Uses advised against	Restrictions on use: Do not use in any fashion not specified on the product label.		
Manufacturer Contact Address	Medline 3 Lakes Drive Northfield, IL, 60093 USA		
	Phone	Emergency Phone	Fax
	(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436
	Website		
	www.Medline.com		

Section 2. Hazards Identification

Classification	FLAMMABLE LIQUIDS - Category 4
Signal Word	Warning
Pictogram	
Hazard Statements	Combustible liquid
Precautionary Statements	
Response	In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.

Prevention Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Wear protective gloves/eye protection/face protection

Storage Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents/container to industrial combustion plant.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Harmful to aquatic life (GHS category 3: aquatic toxicity - acute).

Section 3. Ingredients

CAS	Ingredient Name	Weight %
64-17-5	Ethanol	1% - < 5%
2682-20-4	Methylisothiazolinone	< 1 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Inhalation: If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Skin contact: Wash with plenty of soap and water.

Eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Ingestion: Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

Indication of any immediate medical attention and special treatment needed: None.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media Water spray, BC-powder, Carbon dioxide (CO2).

Unsuitable Extinguishing Media Water jet.

Special hazards arising from the substance or mixture: In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products: Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2).

Advice for firefighters: In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: For non-emergency personnel:
Remove persons to safety.

For emergency responders:
Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

Environmental precautions: Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

Methods and material for containment and cleaning up: Advice on how to contain a spill:
Covering of drains.

Advice on how to clean up a spill:
Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder.

Appropriate containment techniques:
Use of adsorbent materials.

Other information relating to spills and releases:
Place in appropriate containers for disposal. Ventilate affected area.

Section 7. Handling and Storage

Precautions for safe handling: Measures to prevent fire as well as aerosol and dust generation:
Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapors into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion- proof electrical/ventilating /lighting/equipment. Use only non-sparking tools.

Specific notes/details:
Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene:
Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

Conditions for safe storage, including any incompatibilities:

Explosive atmospheres:
Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

Flammability hazards:
Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Protect against external exposure, such as Frost.

Ventilation requirements:
Use local and general ventilation. Ground/bond container and receiving equipment.

Packaging compatibilities: Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. See section 16 for a general overview.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Ethanol	STEL: 1,000 ppm Note: Upper respiratory track irritation. Confirmed animal carcinogen with unknown relevance to humans.	TWA: 1,000 ppm 1,900mg/mm ³ 29 CFR 1910.1000 Table Z-1	N/A
	Methylisothiazolinone	N/A	N/A	N/A

Personal Protective Equipment

Goggles, Gloves

Appropriate engineering controls:

General ventilation.

Eye/face protection:

Wear eye/face protection.

Skin protection:

Hand protection:
Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/ impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Other protection measures:
Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls:

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	None to yellow
Odor	None
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	10 – 200 cP at 25 °C
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.A.
FP Method	N.A.
pH	6-8
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.A.
Decomposition Temperature	N.A.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.A.

Section 10. Stability and Reactivity

Reactivity: Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated: Risk of ignition

Chemical stability: See below "Conditions to avoid".

Possibility of hazardous reactions: No known hazardous reactions.

Conditions to avoid: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion:

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non sparking tools. Take precautionary measures against static discharge.

Incompatible materials: Oxidizers.

Hazardous decomposition products: Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

Section 11. Toxicological Information

Information on toxicological effects: Test data are not available for the complete mixture.

Classification procedure: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Acute toxicity: Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture: Methylisothiazolinone CAS-No. 2682-20-4
Oral: 100 mg/kg
Dermal: 300 mg/kg
Inhalation: vapor: 0.5 mg/l/4h

Skin corrosion/irritation: Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation: Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization: Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity: Shall not be classified as germ cell mutagenic.

Carcinogenicity: Shall not be classified as carcinogenic.

Reproductive toxicity: Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure: Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure: Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard: Shall not be classified as presenting an aspiration hazard.

Section 12. Ecological Information

Ecotoxicity: Harmful to aquatic life.

Aquatic toxicity (acute) of components of the mixture: Ethanol CAS-No. 64-17-5
LC50: 15,400 mg/l (fish) 96 h
EC50: 12,700 mg/l (fish) 96 h
ErC50: 22,000 mg/l (algae) 96 h

Persistence and degradability: N.A.

Bioaccumulative potential: N.A.

Mobility in soil: N.A.

Results of PBT and vPvB Assessment: N.A.

Endocrine disrupting properties: None of the ingredients are listed.

Other adverse effects: N.A.

Section 13. Disposal

Waste treatment methods:	Waste treatment-relevant information: Solvent reclamation/regeneration.
Sewage disposal-relevant information:	Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.
Waste treatment of containers/packages:	Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.
Remarks:	Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated
IMDG:	Not Regulated
IATA:	Not Regulated

Section 15. Regulatory Information

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	N.A.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	ETHYL ALCOHOL.
Pennsylvania Right to Know Components:	ETHANOL.
Rhode Island Right to Know Components:	ethyl alcohol.
Massachusetts Right to Know Components:	ETHANOL.

Section 16. Other Information

Revision Date 9/8/2022

Legend N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

HMIS (U.S.A.): Health Hazard 0

HMIS (U.S.A.): Flammability 3

HMIS (U.S.A.): Physical Hazard 0

National Fire Protection Association (U.S.A): Fire Hazard 3

National Fire Protection Association (U.S.A): Health Hazard 0

National Fire Protection Association (U.S.A): Instability Hazard 0

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