



SAFETY DATA SHEET



1. IDENTIFICATION

Product identifier

Product name: Amway Home™ Prewash Spray - Laundry Prewash Spot Remover Spray

Other means of identification

Product code: 110403

Synonyms: SA8™ Prewash Spray
AMWAY HOME™ SA8™ Prewash Spray
Legacy of Clean™ Prewash Spray - Laundry Prewash Spot Remover Spray

Recommended use of the chemical and restrictions on use

Recommended use: Laundry pretreatment product. Consumer use.

Uses advised against: Avoid spraying on washing machines, dryers, and painted surfaces.

Details of the supplier of the safety data sheet

Product information
Amway Corp. (58C-2A)
7575 Fulton Street East
Ada, MI 49355
USA
Tel: 1-800-253-6500

Manufacturer
Aerofil Technology, Inc.
225 Industrial Park Dr.
Sullivan, MO
63080
USA

E-mail address: sds@amway.com

Emergency telephone number

For Transportation Emergencies: ChemTrec @ 1-800-424-9300

Emergency Telephone Number: For Amway Product Health and Safety Information: 1-616-787-6307 (24-hour number).

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2A
Flammable Aerosols	Category 1

Label elements



DANGER

Hazard statements:

Causes serious eye irritation
Extremely flammable aerosol

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Pressurized container: Do not pierce or burn, even after use
Do not spray on an open flame or other ignition source
Wear eye/face protection

Precautionary Statements - Response

Eyes

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

Precautionary Statements - Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

- Toxic to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name	CAS No	Weight-%	Trade secret
Benzene, mono C12-14 alkyl derivs	-	67774-74-7	40-50	*
Alcohols, C10-16, ethoxylated	Surfactant	68002-97-1	30-40	*
2-methylpropane	Isobutane	75-28-5	5-10	*
Propane	Propane	74-98-6	5-10	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

Eye contact:

Remove contact lenses. Rinse with gentle stream of water for 15 minutes, holding eyelids open. Get medical advice by calling a poison control center, doctor or hospital emergency room.

- Skin contact:** Rinse skin thoroughly with water.
- Inhalation:** Move to fresh air. If irritation or breathing difficulty develops, GET MEDICAL ADVICE by calling a poison control center, doctor or hospital emergency room.
- Ingestion:** If victim is a child, give 4-8 ounces of water. For adults, give 8-12 ounces of water. Do not induce vomiting when this product is swallowed. If vomiting occurs spontaneously, keep victim in an upright position. GET MEDICAL ADVICE by calling a poison control center, doctor or hospital emergency room.
- Protection of first-aiders:** Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

- Symptoms:** No information available.

Indication of any immediate medical attention and special treatment needed

- Notes to physician:** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Suitable extinguishing media:

Use dry chemical, CO₂, water spray or alcohol foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

No information available.

Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition. Vapor pressure build-up due to fire heat may cause container rupture and rocketing.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions:

Wear appropriate personal protection equipment (respirator, gloves, goggles, and/or faceshield, boots, protective clothing).

For emergency responders:

Use personal protective equipment as required.

Environmental precautions

Prevent further leakage or spillage. Contain spill to prevent environmental release.

Methods and material for containment and cleaning up

Methods for containment:

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods for cleaning up:

Remove all sources of ignition. Dispose of in accordance with all national and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling:

Avoid contact with eyes. Contents under pressure. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray toward flame or heated object. Wash thoroughly after handling. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

General hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage conditions: Protect from sunlight Store in accordance with applicable requirements for aerosols. Keep out of the reach of children

Materials to avoid

Contact with highly reactive chemicals like strong acids, strong bases, oxidizers or reducing agents may cause a dangerous reaction.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits:

Chemical Name	ACGIH TWA	ACGIH STEL	ACGIH CEILING	ACGIH - Skin Absorption Designation
2-methylpropane 75-28-5			1000 ppm	

Chemical Name	OSHA TWA	OSHA-Table Z-3 Mineral Dust	OSHA CEILING	OSHA - Skin Notations
Propane 74-98-6	1000 ppm 1800 mg/m ³			

Derived No Effect Level (DNEL):

No information available.

Predicted No Effect Concentration (PNEC):

No information available.

Appropriate engineering controls

Engineering measures:

Mechanical ventilation is not normally necessary when this product is used according to product label directions.

Individual protection measures, such as personal protective equipment

- Eye/face protection:** Follow label directions. No special technical protective measures are necessary. Avoid contact with eyes. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.
- Hand protection:** Follow label directions. Skin protection is not normally necessary when this product is used according to product label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.
- Skin and body protection:** Follow label directions. Skin and body protection is not normally necessary when this product is used according to product label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.
- Respiratory protection:** Follow label directions. Respiratory protective equipment is not normally necessary when this product is used according to product label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.

General industrial hygiene practice:

This product is sold as a consumer product. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state:	Aerosol	Odor:	Citrus, Slight Surfactant
Appearance:	Liquid	Odor threshold:	No information available
Color:	Colorless or white		
Property	Values	Remarks • Method	
pH:		No information available	
Melting point/freezing point:		No information available	
Boiling point/boiling range:		No information available	
Flash point:		No information available	
Evaporation rate:		No information available	
Flammability (solid, gas):		No information available	
Flammability limit in air:			
Upper flammability limit:			
Lower flammability limit:			
Vapor pressure:		No information available	
Vapor density:		No information available	
Specific gravity:	0,906 - 0,924	Of concentrate	
Water solubility:	Soluble in water		
Solubility(ies):		No information available	
Partition coefficient		No information available	
Autoignition temperature:		No information available	
Decomposition temperature:		No information available	
Kinematic viscosity:		No information available	
Dynamic viscosity:			
Explosive properties:	No information available		
Oxidizing properties:	No information available		
Softening point:	No information available		
Molecular weight:	No information available		
VOC content (%):	No information available		

Density: No information available
Bulk density: No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stability:
Stable under normal conditions.

Sensitivity to mechanical impact:
Do not puncture or incinerate cans.

Sensitivity to static discharge:
None.

Possibility of hazardous reactions

Contact with highly reactive chemicals like strong acids, strong bases, oxidizers or reducing agents may cause a dangerous reaction.

Conditions to avoid

Heat, flames and sparks. Keep out of reach of children. Protect from direct sunlight. Keep at temperatures below 50 °C / 122°F.

Incompatible materials:

Not determined.

Hazardous decomposition products

Not determined.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Aggravated medical conditions: Exposure to this product may aggravate pre-existing skin, eye, and respiratory disorders.

Principle routes of exposure: Eye contact, skin contact, inhalation

Inhalation: Avoid breathing vapors or mists. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. See additional information below.

Eye contact: Avoid contact with eyes. Irritating to eyes.

Skin contact: Patch test on human volunteers did not demonstrate sensitization properties.

Ingestion: Ingestion of this product can cause irritation of the mouth and throat, upset stomach, nausea, vomiting and diarrhea.

Further information: Inhalation overexposure to isobutane vapors can cause drowsiness, loss of consciousness, asphyxia and death. Inhalation overexposure to propane vapors can cause drowsiness, loss of consciousness, asphyxia and death.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzene, mono C12-14 alkyl derivs 67774-74-7	> 5000 mg/kg (Rat)	> 10200 mg/kg (Rabbit)	-
Alcohols, C10-16, ethoxylated 68002-97-1	1900 mg/kg (Rat)	-	-
2-methylpropane 75-28-5	-	-	= 658 mg/L (Rat) 4 h
Propane 74-98-6	-	-	> 800000 ppm (Rat) 15 min

Information on toxicological effects

Symptoms: No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Prolonged contact may cause redness and irritation.
Serious eye damage/eye irritation Irritating to eyes.
Sensitization: Patch test on human volunteers did not demonstrate sensitization properties.
Germ cell mutagenicity: None known.
Carcinogenicity: None known

Reproductive toxicity: This product does not contain any known or suspected reproductive hazards.
STOT - single exposure: None under normal use conditions.
STOT - repeated exposure: None under normal use conditions.
Aspiration hazard: No hazard from product as supplied.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product information: EC50>1 mg/L (fish, daphnia, algae). Data obtained on this product or a similar product

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Benzene, mono C12-14 alkyl derivs 67774-74-7	-	-	0.009 - 0.08: 48 h Daphnia magna mg/L EC50
Alcohols, C10-16, ethoxylated 68002-97-1	-	-	0.6: 48 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

Chemical Name	Partition coefficient
2-methylpropane 75-28-5	2.88
Propane 74-98-6	2.3

Mobility in soil

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging:

Do not puncture or burn, even after use. Only empty packaging can be recycled. Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

The listed transportation classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptions.

DOT:

UN/ID No.: UN1950

Proper shipping name: Aerosols

Hazard class: 2.1

Packing group: Not applicable

IMDG/ADR:

UN/ID No.: UN1950

Proper shipping name: Aerosols

Hazard class: 2.1

Packing group: Not applicable

Marine pollutant: Not applicable

ICAO/IATA:

UN/ID No.: UN1950

Proper shipping name: Aerosols

Hazard class: 2.1

Packing group: Not applicable

Marine pollutant: Not applicable

The information contained in this document is subject to change or update due to changing government regulations. The user of this document assumes responsibility for complying with all applicable national and international laws and regulations regarding the shipment of Dangerous Goods

15. REGULATORY INFORMATION

EPA RCRA Hazardous Waste Classification: D001

16. OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (Time-Weighted Average)
STEL - STEL (Short Term Exposure Limit)
ACGIH (American Conference of Governmental Industrial Hygienists)
EPA (Environmental Protection Agency)
RCRA (Resource Conservation and Recovery Act)

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Prepared by: Access Business Group LLC, Environmental, Health and Safety Department, Ada, Michigan, U.S.A.

This data sheet contains changes from the previous version in section(s): None

*****END OF SAFETY DATA SHEET*****