



SAFETY DATA SHEET



1. IDENTIFICATION

Product identifier

Product name: Legacy of Clean™ SA8™ Laundry Detergent - Floral

Other means of identification

Product code: 110477, 110478, 112532, 119891

Synonyms: AMWAY HOME™ SA8™ Liquid Concentrated Laundry Detergent

Recommended use of the chemical and restrictions on use

Recommended use: Laundry detergent

Uses advised against: No information available

Details of the supplier of the safety data sheet

| | |
|--|---|
| Product information: Amway Canada Corporation 375 Exeter Road London, Ontario N5Y 5V6 Information #: 1-800-265-5470 | Manufacturer Access Business Group, LLC 7575 Fulton Street East Ada, MI 49355 USA Tel: 1-800-253-6500 |
|--|---|

E-mail address: sds@amway.com

Emergency telephone number

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

Emergency Telephone Number: For Poisoning Emergencies call Amway's poison control service in the United States at 1-616-787-6307. This is a 24-hour number.

2. HAZARD IDENTIFICATION

Classification

| | |
|-----------------------------------|------------|
| Serious eye damage/eye irritation | Category 1 |
|-----------------------------------|------------|

Label elements



DANGER

Hazard statements:

Causes serious eye damage

Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/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 Immediately call a POISON CENTER or doctor/physician

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

- May be harmful if swallowed
- Toxic to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | Common Name | CAS No | Weight-% |
|---|-----------------|------------|----------|
| Alcohols, C10-16, ethoxylated 68002-97-1 (30-40) | Surfactant | 68002-97-1 | 30-40 |
| Potassium Cocoate 61789-30-8 (5-10) | - | 61789-30-8 | 5-10 |
| 2,4-Pentanediol, 2-methyl- 107-41-5 (1-5) | Hexylene glycol | 107-41-5 | 1-5 |
| Alcohols, C12-14, ethoxylated propoxylated 68439-51-0 (1-5) | Surfactant | 68439-51-0 | 1-5 |
| Glycerin 56-81-5 (1-5) | Glycerin | 56-81-5 | 1-5 |
| Borax (B4Na2O7.10H2O) 1303-96-4 (1-5) | Sodium borate | 1303-96-4 | 1-5 |

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 an anti-poison center, doctor or hospital emergency room.

Ingestion: If victim is a child, give 120-240 millilitres of water. For adults, give 240-360 millilitres 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 an anti-poison centre, 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 extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

No information available.

Specific hazards arising from the chemical

No special exposure hazards are known.

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

See Section 12 for additional Ecological Information. Prevent further leakage or spillage if safe to do so.

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:

No special collection methods required. 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.

General hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage conditions: Store at temperatures not exceeding 32 °C/ 90 °F

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 | Canada - Ontario - TWA | Canada - Ontario - STEL | Canada - Ontario - Ceiling Values | Canada - Ontario - Skin Notation |
|---|------------------------|-------------------------|-----------------------------------|----------------------------------|
| 2,4-Pentanediol, 2-methyl- | | | 25 ppm | |
| Borax (B ₄ Na ₂ O ₇ ·10H ₂ O) | 2 mg/m ³ | 6 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 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 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: | Liquid | Odour: | Floral |
| Appearance: | Viscous | Odour threshold: | No information available |
| Colour: | Blue | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--------------------------------------|--------------------------|-----------------------------|
| pH: | | No information available |
| Melting point/freezing point: | | No information available |
| Boiling point/boiling range: | | No information available |
| Flash point: | > 93.3 °C / > 200 °F | Setaflash Closed Cup Tester |
| Evaporation rate: | | No information available |
| Flammability (solid, gas): | | No information available |
| Flammability limit in air: | | |
| Upper flammability limit: | | |
| Lower flammability limit | | |
| Vapour pressure: | | No information available |
| Vapour density: | | No information available |
| Specific Gravity: | 0.920 - 1.060 | |
| Water solubility: | | No information available |
| Solubility(ies): | | No information available |
| Partition coefficient | | No information available |
| Auto-ignition temperature: | | No information available |
| Decomposition temperature: | | No information available |
| Kinematic viscosity: | | No information available |
| Dynamic viscosity: | | |
| Explosive properties: | No information available | |
| Oxidising 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:

None.

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

Keep out of reach of children.

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: No known effect.

Eye contact: Avoid contact with eyes. Severely irritating to eyes.

Skin contact: Contact with undiluted product can cause mild skin irritation. Patch test on human volunteers did not demonstrate sensitisation properties.

Ingestion: May be harmful if swallowed. Ingestion of this product can cause irritation of the mouth and throat, upset stomach, nausea, vomiting and diarrhea.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|--|--------------------------|-------------------------------------|
| Alcohols, C10-16, ethoxylated 68002-97-1 | 1900 mg/kg (Rat) | - | - |
| 2,4-Pentanediol, 2-methyl- 107-41-5 | = 3700 mg/kg (Rat) | = 8560 µL/kg (Rabbit) | > 310 mg/m ³ (Rat) 1 h |
| Alcohols, C12-14, ethoxylated propoxylated 68439-51-0 | = 3530 mg/kg (Rat) | - | - |
| Glycerin 56-81-5 | = 12600 mg/kg (Rat) | > 10 g/kg (Rabbit) | > 570 mg/m ³ (Rat) 1 h |
| Borax (B4Na2O7.10H2O) 1303-96-4 | = 2660 mg/kg (Rat) = 3493 mg/kg (Rat) | > 10000 mg/kg (Rabbit) | - |

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 Mild skin irritation.
Serious eye damage/eye irritation Risk of serious damage to eyes.
Sensitisation: Patch test on human volunteers did not demonstrate sensitisation properties.
Germ cell mutagenicity: No information available.
Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen

| Chemical Name | ACGIH | IARC (International Agency for Research on Cancer) | NTP | OSHA |
|---|--|--|-----|------|
| Borax (B ₄ Na ₂ O ₇ ·10H ₂ O) 1303-96-4 | A4 - Not Classifiable as a Human Carcinogen (listed under Borate compounds, inorganic) | Group 2A | - | - |

Legend

ACGIH (American Conference of Governmental Industrial Hygienists) A4 - Not Classifiable as a Human Carcinogen

IARC (International Agency for Research on Cancer) Group 2A - Probably Carcinogenic to Humans

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labour)

Reproductive toxicity: No information available.
STOT - single exposure: None known.
STOT - repeated exposure: None known.
Aspiration hazard: No hazard from product as supplied.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life

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

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|----------------------|---|---|
| Alcohols, C10-16, ethoxylated 68002-97-1 | - | - | 0.6: 48 h Daphnia magna mg/L EC50 |
| 2,4-Pentanediol, 2-methyl- 107-41-5 | - | 10500 - 11000: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static 10700: 96 h Pimephales promelas mg/L LC50 static 8690: 96 h Pimephales promelas mg/L LC50 flow-through | 2700 - 3700: 48 h Daphnia magna mg/L EC50 |
| Glycerin 56-81-5 | - | 51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static | 500: 24 h Daphnia magna mg/L EC50 |

Persistence and degradability

Readily biodegradable.

Bioaccumulation

| Chemical Name | Partition coefficient |
|--|-----------------------|
| 2,4-Pentanediol, 2-methyl- 107-41-5 | 0.14 |
| Glycerin 56-81-5 | -1.76 |

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: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

This product has been tested against the UN protocol used to classify transportation hazards and it does not meet the definition of a dangerous good in transport.

DOT:

UN/ID No.: Not regulated
Proper shipping name: Not regulated
Hazard class: Not regulated
Packing group: Not applicable

IMDG/ADR:

UN/ID No.: Not regulated
Proper shipping name: Not regulated
Hazard class: Not regulated
Packing group: Not applicable
Marine pollutant: Not applicable

ICAO/IATA:

UN/ID No.: Not regulated
Proper shipping name: Not regulated
Hazard class: Not regulated
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

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).
This SDS contains all of the information required by the HPR.

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)
WHMIS (Workplace Hazardous Materials Information System)

The information contained herein is believed to be accurate and represents the best information currently available to us, much of which comes from the manufacturer or supplier of components of this product. Therefore, Access Business Group LLC makes no warranty, express or implied, regarding the accuracy of the data. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the user's obligation to make certain that this SDS is the most current SDS for the product; to evaluate the information contained in this sheet in connection with the uses to which the product is to be put in the workplace and to use the product safely in accordance with applicable laws and regulations.

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*****