

1. Product and company identification

Product Name Acculogic Laundry Premier Detergent

UN/ID No. RM0389 DOT (U.S.): Not Regulated

Recommended use of the chemical and restrictions on use:

Recommended use: Industrial and commercial laundry facilities

Supplier: Accurate Chemical & Services
731 W. Fairmont Dr.
Tempe, AZ. 85282
Office 602.996.9194

In case of emergency: CHEMTREC: 1-800-424-9300 (NORTH AMERICA) 1-703-527-3887 (INTERNATIONAL)

Poison control center

Company Phone: 602-996-9191

2. Hazards identification**Appearance:** clear**Physical State:** liquid**Odor:** citrus**Signal word:** Warning**Hazard Statement:**

H302 Harmful if swallowed

H332 Harmful if inhaled

H319 Causes serious eye irritation

H315 Causes Skin Irritation

Precautionary Statements – Preventions:

Keep away from children. Read label before use

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area

Do not breathe dust/fume/gas/mist/vapors/spray

Wear protective gloves/protective clothing/ eye protection/face protection

Other protective measures: Use good personal hygiene practices

Precautionary Statements – Response:

Immediately call a poison control center or doctor/physician

IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.

Continue rinsing immediately call a poison control center or doctor/physician.

IF ON SKIN (or Hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing, immediately call a poison control center or doctor/physician

IF SWALLOWED: Immediately call a poison control center or doctor/physician, Rinse mouth, Do not induce vomiting.

Precautionary Statements – Storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed**Precautionary Statements – Disposal:** Dispose of contents/container in accordance with local, state, regional, federal, national and international regulations.

3. Composition/information on ingredients

The product (ingredients) contains no substances which at their given concentration, are considered to be hazardous set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). This Safety Data Sheet (SDS) contains critical information for safe handling and proper use of this product.

4. First aid measures

Eye contact:	Rinse immediately with plenty of water for least 20 minutes while holding eyelids apart. Remove contact lenses if able to do so. Seek immediate medical attention
Skin contact:	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse
Inhalation:	Move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.
Ingestion:	Immediately contact poison control center, doctor/physician. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended. If aspiration of vomit, turn victim's head to the side.
General advice	Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
Most important symptoms/effects – acute and delayed	Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause; Sore throat, Eye disease. Asthma. Skin disorders and Allergies

5. Fire-fighting measures

Flash point:	N/A
Flammability of the product:	N/A
Extinguishing media:	Alcohol Foam, Carbon dioxide, Dry powder, Other extinguishing agent suitable for Class B fires, For large fires, use water spray or fog, thoroughly drenching the burning material. Water mist may be used to cool closed containers.
Fire and Explosion Hazard:	Flammable Liquid; may release vapors that form flammable mixtures at or above the flash point. Empty product containers may contain product residue. Do not pressurize, cut heat, weld, or expose containers to flame or other sources of ignition. May evolve oxides of carbon (Cox) under fire conditions.
Decomposition products:	
Special protective equipment for fire-fighters:	In case of fire; wear full face positive-pressure self contained breathing apparatus and protective suit.

6. Accidental release measures

Personal precautions:	Restrict access to area as appropriate until clean-up operations are complete. Ensure clean-up is conducted by trained personnel only. Ventilate spill area if possible. Do not touch spilled material. Eliminate ignition sources. Stop or reduce any leaks if it is safe to do so. Use personal protective equipment recommended in Section 8 (Exposure Control/Personal Protection). Notify appropriate government, occupation health and safety and environmental authorities.
Environmental precautions:	Prevent material from entering sewers or waterways.
Methods for cleaning up:	
Small spill:	Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container.
Large spill:	Contain liquid using absorbent material, by digging trenches or dike. Reclaim into recovery or salvage drums or tank truck for proper disposal. Wash site of spillage thoroughly with water. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

7. Handling and storage

Handling:	Store in a cool, dry, well ventilated area away from heat or flame. Do not destroy or deface the label on container. Adhere to work practice rules established by government regulations.
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Storage

Use only in well-ventilated areas. Avoid contact with eyes. Avoid breathing vapors and/or aerosols. Use personal protective equipment. When using, do not eat, drink or smoke.

Keep containers tightly closed in a cool, dry, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. Keep away from children

8. Exposure controls/personal protection**Eye/Face Protection**

Wear chemical anti-splash safety glasses or goggles with side shields and a face shield.

Skin and Body Protection

Wear appropriate chemical resistant gloves, apron or lab coat, as appropriate, to prevent skin contact. Wear appropriate chemical resistant clothing.

Respiratory Protection

Provide local exhaust, preferably mechanical. If exposure levels are excessive, wear suitable respiratory equipment.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary

General Hygiene considerations

Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

Always observe good personal hygiene measure, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Physical state	Liquid
Color	Clear
Odor	CITRUS
Specific Gravity	N/A
Density	N/A
Solubility in Water	Complete
pH (100%)	10-12
Viscosity	N/A
Viscosity	N/A
Pour Point	N/A
Vapor Pressure	N/A
Flash Point	N/A

10. Stability reactivity

Stability	Stable under normal conditions
Hazardous polymerization	Hazardous polymerization will not occur
Conditions to avoid	No information available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Under fire conditions: Oxides of Carbon

11. Toxicological information

Acute toxicity: Not available

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA

Inhalation: May cause irritation to the respiratory system. Prolonged inhalation may be harmful

Skin: May be harmful if absorbed through skin. Causes severe skin burns.

Eyes: Causes severe eye burns, causes serious eye damage

Ingestion: Toxic if swallowed. Do not ingest.

Chronic Effects of Long-term Exposure: No data available

Carcinogenicity: No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, ACGIH, or OSHA.

Toxicological data

Sensitization	Not classified
Acute effects	May be harmful if swallowed. May be harmful in contact with skin
Carcinogenicity	This product is not considered to be carcinogen by IARC, ACGIH, NTP, or OSHA
Skin corrosion/irritation	Causes skin irritation
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic
Reproductive effects	This product is not expected to cause reproductive or developmental effects

12. Ecological information

Ecotoxicity	No data available
Persistence and degradability	No data is available on the degradability of this product
Bioaccumulative potential	No data available
Mobility in soil	No data available

Other adverse effects No data available

13. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: Handling and Storage and **Section 8:** Exposure Controls/Personal Protection for additional handling information and protection of employees.

14. Transport information

DOT (U.S.) Not Regulated

15. Regulatory information

California State Regulations:

U.S. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

California Right to Know Act regulations (SB 258)

Chemical Name	CAS No.	Function	List(s)
Water	7732-18-5	Diluent	N/A
Nonionic surfactant blend	withheld	Cleaning agent	N/A
Solvent blend	withheld	Cleaning agent	N/A
Chelator	Withheld	Cleaning agent	N/A
Polymer	Withheld	Cleaning agent	N/A
1,2-Benzisothiazolin-3-one	2634-33-5	Anti microbial	Not applicable

Fragrance

Chemical Name	CAS No.	Concentration %	List(s)
Diethyl Phthalate / DEP	84-66-2	0.0900	(FRA)
Citral	5392-40-5	0.1215	(FRA)
Geraniol	106-24-1	0.0162	(FRA)
Limonene	5989-27-5	10.6225	(FRA)
Linalool	78-70-6	0.2844	(FRA)
Orange terpenes	5989-27-5	.14	(FRA)

16. Other information

HMIS	Health Hazards 1	Flammability 0	Physical Hazards 0	Personal Protection B
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Disclaimer:

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet