

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Pine All Purpose Cleaner & Sanitizer

Product code: ENV-705

Recommended use: Floor degreaser

Manufacturer: EnviroWay Detergent Manufacturing Incorporated

2241 Hanselman Ave.

Saskatoon, SK S7L 6A7, Canada

Tel: 306-244-7727

Fax: 306-244-7772

Toll free: 1-888-274-0862, www.enviroway.ca

Emergency phone:

Leak and Spill: 1-800-667-7525 (SASK SPILLS) for the Province of Saskatchewan
1-866-845-6037 (Environment Canada) for anywhere else

In Transit: 1-613-996-6666 or *666 on cellular phone (CANUTEC)

Poison Control: 1-866-454-1212 (Saskatchewan)

SECTION 2: HAZARD IDENTIFICATION

Hazard classification

SERIOUS EYE IRRITATION

Category 1

SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE

Category 1

Signal word

DANGER!



Hazard statements

May cause serious eye irritation.

Harmful if swallowed.

Precautionary statements

Prevention

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wash skin thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Avoid release to environment.
 Keep only in original container.
 Wear protective gloves, mask and clothing when dealing with undiluted product.
 Wear eye protection
 Discard contaminated clothing.

Response

In case of fire: Use CO₂, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
 IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
 IF IN EYES: Wash your eyes with plenty of water. Remove the contact lens if easy to do so. Immediately seek medical advice or attention.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing is irregular or stopped, administer artificial respiration. Call a POISON CENTRE or doctor/physician if you feel unwell
 IF exposed or concerned: Get medical advice/attention.

Storage

Store locked up. Store in a well-ventilated place.

Disposal

Dispose of contents/container in accordance with local regulation.

SECTION 3: COMPOSITION

Pure substance/mixture: Mixture

The following ingredients have hazardous properties:

(Concentrated form):

Ingredient	CAS #	% by weight
Disodium cocamidopropionate	68604-71-7	1-5
Alcohols (c12-15) ethoxylate	68131-39-5	1-5

This product is a consumer product and therefore an SDS is not required. This SDS fully discloses any health and safety hazards but limits the disclosure of ingredient ranges for proprietary reasons.

SECTION 4: FIRST AID MEASURES

Eye Contact: Rinse with water. If irritation persists, get medical attention.

Skin Contact: Rinse with water. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation: If respiratory irritation or distress occurs, remove victim to fresh air.

Ingestion: Rinse mouth and drink water. Contact a poison centre/doctor if you feel unwell.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: No

Means of Extinction: Use water spray, dry chemical, CO₂ or alcohol foam for surrounding fire.

Flashpoint: Information not available

Special Fire Fighting Procedures: Use water spray to keep containers cool. Fire fighters should wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Pickup with mops. Wash down residue with water.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment Do not ingest. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene.

Storage Requirements: Store in a dry, well-ventilated and cool place away from incompatible materials.

****KEEP OUT OF REACH OF CHILDREN****

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Disodium cocamidopropionate	Not available	Not available	Not available
Alcohols (c12-15) ethoxylate	Not available	Not available	Not available

Gloves: Required for regular use.

Respirator: Required for regular use.

Eye: Wear chemical safety glasses if there is significant probability of splashing.

Footwear: Required for regular use.

Clothing: Protective clothing recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow liquid

Odour: Pine scent

Odour Threshold (ppm): Information not available

pH: 8-9

Freezing Point: Not available

Initial Boiling Point/Range: N/A

Flash point: Information not available

Evaporation Rate: Information not available

Flammability: Not flammable

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): Information not available

Vapour Density (air = 1): Information not available

Relative density: 1.02±0.02

Solubility in Water: Soluble

Partition coefficient: Information not available

Auto-ignition temperature: Information not available

Decomposition temperature: Information not available

Viscosity: Information not available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Will not occur.

Materials to Avoid: Strong oxidizing agents. Keep away from extreme heat and freezing.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, toxic vapours and traces of ammonia.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Disodium cocamidopropionate	Not available	Not available	Not established
Alcohols (c12-15) ethoxylate	1800	2000	Not established

EFFECTS OF ACUTE EXPOSURE:

Skin Contact: Not known

Eye Contact: May cause serious eye damage.

Ingestion: Not known

Germ cell mutagenicity: Not available

Carcinogenicity: None of the ingredients are on IARC or ACGIH lists as carcinogens

Reproductive toxicity: Not available

STOT single exposure: May cause damage to organs.

STOT repeated exposure: Not available

Aspiration hazard: Not available

Routes of exposure: Ingestion, inhalation, skin/eye exposure

EFFECTS OF CHRONIC EXPOSURE:

Skin Contact: Not known.

Eye Contact: Not known.

Ingestion: Not known

Numerical measure of toxicity:

Oral: LD50 = 149807 mg/kg

Dermal: LD50 = 56818 mg/kg

Inhalation: LC50 = Not available

SECTION 12: ECOLOGICAL INFORMATION

Ingredients	Fish	Crustacean	Algae
Disodium cocamidopropionate	N/A	N/A	N/A
Alcohols (c12-15) ethoxylate	LC ₅₀ (96h): 5-10 Mg/L	EC ₅₀ (48h): 5-10 Mg/L	EC ₅₀ (72h): 10-100 Mg/L

Persistence and Degradability: Readily biodegradable.

Bioaccumulation/Accumulation: No information available.

Mobility: No information available.

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with local regulations at government approved waste sites.

SECTION 14: TRANSPORT INFORMATION

Special Shipping Information: None

TDG (Canada)

TDG Proper Shipping Name: Not Regulated

Hazard Class: Not Applicable.

UN Number: Not Applicable.

Packing Group: Not Applicable.

Note: No additional remark.

Marine Pollutant: None

SECTION 15: REGULATORY INFORMATION

Canadian DSL Inventory Status: All ingredients are specified on the Domestic Substances List or exempt

SECTION 16: OTHER INFORMATION

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