



Coast 302

Industrial Strength Cleaner

DESCRIPTION

Coast 302 is a heavy duty, all purpose liquid cleaner and degreaser which is a medium alkali at use concentrations. **Coast 302** does not contain caustics and is designed for washing paper machines and production equipment in pulp mills. **Coast 302** is an excellent cleaner for painted surfaces, forklifts, floors and degreasing small parts and equipment.

Coast 302 can be safely used to clean transportation vehicles and works well on vinyl, canvas awnings and concrete.

SPECIAL INFORMATION

Coast 302 is a Canadian Food Inspection Agency (CFIA) approved product for use in registered food processing plants. Surfaces in direct food contact must be rinsed with potable water.

Keep out of reach of children. Irritant to eyes and skin. Wear rubber or plastic gloves and goggles or face shield. Use adequate ventilation. If spilled, absorb into sand, sawdust or absorbent and wash away residue with plenty of water. Store closed in upright position and keep from freezing.

DIRECTIONS

For painted surfaces - manual, steam or pressure cleaning:

Apply at a concentration of 1.5 to 3.0 oz per US gallon of water (12 to 25 ml/litre) (1:85-1:40).

Floors:

Use 32 oz per US gallon of water (250 ml/litre) (1:4).

On concrete:

Use 5 oz per US gallon of water (40 ml/litre) (1:25).

Degreasing:

Use full strength to 26 oz per US gallon of water (200 ml/litre) (1:5).

PHYSICAL DATA

Appearance	Clear liquid
Color	Pale yellow
Foam	Moderate
Odor	Mild
pH (3.1%)	12.0 - 13.0

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **COAST 302**
 Product Use: *Heavy duty water based degreaser.*
 WHMIS CODE: E
 Proper Shipping Name: N/A
 Hazard Class: N/A
 UN Number: N/A

HMIS	
3	Health
0	Flammability
0	Reactivity
B	Personal

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EMERGENCY PHONE
 Canada: Canutec 613-996-6666
 U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves
 C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	1.0-5.0	No Data	No Data
LD50 (oral rat)	2980 mg/kg			
LD50 (dermal)	7940 mg/kg (rabbit)			
LC50	Not Available			
SODIUM METASILICATE	6834-92-0	1.0-5.0	No Data	No Data
LD50 (oral rat)	1153 mg/kg			
LD50 (dermal)	N/A			
LC50	N/A			
ALCOHOL ETHOXYLATE	68439-46-3	1.0-5.0	N/A	N/A
LD50 (oral rat)	1376 mg/kg			
LD50 (dermal rabbit)	>2 g/kg			
NITRILOTRIACETIC ACID Na SALT	18662-53-8	1.0-5.0	None	N/E
The above item is reported per 40 CFR 372, Section 313 of Emergency Planning & Community Right-To-Know Act of 1986.				
LD50 (oral rat)	830 mg/kg			
LD50 (dermal)	Not Available			

SECTION 3 – PHYSICAL DATA

Color and Odor: Clear, mild odor.	Boiling Point: N/D	Vapor Pressure (mm HG): N/D	pH: >12.5
Physical State: Liquid.	Melting Point: N/A	Vapor Density: N/D	Specific Gravity: 1.0 @ 20°C
Coeff. Water/Oil Dist: Greater than 1.0	Evaporation Rate: N/D	Solubility in Water: Soluble	Odor Threshold: No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to 100°C (TCC)
Flammable Limits: None known.
Conditions of Flammability: None.
Unusual Fire and Explosion Hazards: Flammable hydrogen gas may liberate upon prolonged contact with sensitive metals (i.e. aluminum, zinc, etc.).
Hazardous Combustion Products: Decomposition may produce oxides of carbon, nitrogen, and other unidentifiable organic compounds.
Special Fire Fighting: Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.
Extinguishing Media: Not flammable.
Auto ignition Temperature: None known.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions.
Incompatibility (material to avoid): Strong oxidizers and acids.
Hazardous Decomposition Products: Decomposition may produce oxides of carbon, nitrogen, and other unidentifiable organic compounds.
Hazardous Polymerization: Will not Occur.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.
Routes of Entry: skin and eye contact, skin absorption and inhalation.
Irritation of Product: Corrosive to skin, eyes and respiratory system.
Name of Toxicological Synergistic Product: None known.
Reproductive Toxicity: None known.
Effects of Chronic Exposure: Prolonged or repeated exposure may cause skin irritation or dermatitis.
Effects of Acute Exposure to Product: Product exposure may burn eyes and irritate or burn skin. Prolonged inhalation of vapors or mists may cause breathing problems, headaches and nausea. Also, may be harmful if absorbed through skin. Ingestion may cause gastro-intestinal and abdominal discomfort, and symptoms similar to inhalation.

Teratogenicity: None known.
Sensitization: None known.
Carcinogenicity: None known.
Mutagenicity: None known.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: If product is misted or sprayed, or used in a confined area, use a NIOSH/MSHA approved dust/mist respirator.
Ventilation: Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Protective Gloves: Natural or butyl rubber, nitrile or neoprene gloves.
Eye Protection: Chemical goggles, safety goggles or face shield.
Protective Clothing and Equipment: Long sleeve coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.
Waste Disposal Method: Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.
Special Shipping Information: Store at temperatures below 30°C (86°F) and keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid: If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: 604-526-5655 LAST UPDATE: Dec. 15, 2014
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE