


**CLEANER AND UV PROTECTOR
BYCAST – SYNTHETIC AND BONDED LEATHER**

SECTION 1 - IDENTIFICATION		
Product identifier:	CLEANER AND UV PROTECTOR BYCAST – SYNTHETIC AND BONDED LEATHER	
Product code:		
Recommended use:	Cleaner/degreaser	
Chemical name :	Mixture	
Chemical group:	Mixture	
Manufactured for:	COMERCO SERVICES INC. 3300 Boul. Saint-Martin O. # 300 Laval, Qc, H7T 1A1 (450) 682-9900	
Emergency phone:	Canutec (613) 996-6666 24 hrs	
SECTION 2 - HAZARD IDENTIFICATION		
Classification	Acute toxicity, oral 4 Skin corrosion 1C Severe eye damage 1 Specific target organ exposure, single exposure; Respiratory tract irritation 3 Specific target organ exposure, repeated exposure 2	
Signal word	DANGER	
Hazard statement	H302 H314 H318 H335 H373	Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.
Precautionary statement - Prevention	P264 P270 P260 P280	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement - Response	P271 P301+P312 P330 P301+P330+P331 P303+P361+P353 P363 P304+P340 P310 P321 P305+P351+P338	Use only outdoors or in a well-ventilated area. IF SWALLOWED: immediately call a POISON CENTER/physician. Rinse mouth. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: take off immediately all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. Specific treatment: Treat as chemical burns. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary statement - Storage	P403+P233 P405	Store in a well ventilated place. Keep container tightly closed. Store locked up.
Precautionary statement - Elimination	P501	Dispose contents/containers according to municipal, provincial and federal regulations.
SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS		
Hazardous product	No. CAS	% (weight)
Ethoxylated alcohol C12-C15	68131-39-5	10 – 30 *
N-butoxypropanol	5131-66-8	1 – 5 *

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Alanine N,N-bis(carboxymethyl) trisodium salt	164462-16-2	1 – 5 *
Sodium hydroxide	1310-73-2	1 – 5 *
Alkyl(C10-C16) benzenesulfonique acid	68584-22-5	1 – 5 *
Dipropylene glycol methyl ether	34590-94-8	1 – 5 *

*TRADE SECRET STATEMENT: The exact concentration of composition has been withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

Inhalation:

IF INHALED: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.

Skin contact:

IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water for 20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing/ jewellery and wash it before reuse. DO NOT neutralize with acid.

Eye contact:

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. DO NOT neutralise with acid.

Ingestion:

NEVER give anything orally if victim is losing consciousness, is unconscious or having convulsions. Rinse mouth with water thoroughly. DO NOT INDUCE VOMITING. Ask victim to drink two glasses of water. If vomiting occurs naturally, lean victim forward to reduce risks of aspiration. Continue to drink water. Obtain medical care.

Note au physician:

Specific treatment: Treat as chemical burns.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:

In case of fire: Use water, foam, CO₂, dry chemicals to extinguish.

Unsuitable extinguishing media:

Stream of water directed into the product will generate large amounts of foam.

Hazardous combustion products :

Carbon oxides, nitrogen oxides, sodium oxides, acrid smoke.

Protective equipment :

Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.

Precautions:

Retain water run-off. Prevent infiltration into sewers or waterways.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Protective equipment:

Wear appropriate respiratory equipment (See Section 8). Avoid direct contact with product. Remove non-essential personnel.

Containment and clean up:

Ventilate spill area. Stop spill if safe to do so. Contain and absorb with an inert absorbing material for future disposal (See Section 13). Prevent spill from entering sewers or waterways. Retain water run-off if applicable. Inform proper authorities if necessary.

Environmental precautions:

Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal, provincial and federal regulations.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:

Containers must be identified correctly. Handle in a well ventilated area. Avoid breathing dust, vapours or mists. Avoid contact with eyes, skin and clothes. Keep containers closed when not in use. Empty containers may contain residues and must be handled as hazardous waste. Maintain good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while using the product or in proximity. Wash contaminated clothing before reuse.

Conditions for safe storage:

Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep containers closed.

Incompatible materials :

Strong oxidants, acids.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:

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Ingredients	# CAS	SOURCE	Values
Ethoxylated alcohol C12-C15	68131-39-5		No established limits.
N-butoxypropanol	5131-66-8		No established limits.
Alanine N,N-bis(carboxymethyl) trisodium salt	164462-16-2		No established limits.
Sodium hydroxide	1310-73-2	CSST OSHA NIOSH NIOSH ACGIH	C 2mg/m ³ TWA 2 mg/m ³ C 2 mg/m ³ IDLH 10 mg/m ³ C 2 mg/m ³
Alkyl(C10-C16) benzenesulfonique acid	68584-22-5		No established limits.
Dipropylene glycol methyl ether	34590-94-8	CSST CSST OSHA NIOSH NIOSH NIOSH	TWA 100 ppm (606 mg/m ³) STEL 150 ppm (909 mg/m ³) TWA 100 ppm (600 mg/m ³) TWA 100 ppm (600 mg/m ³) STEL 150 ppm (900 mg/m ³) IDLH 600 ppm

Engineering controls:

Local ventilation system is recommended to maintain concentrations of contaminants below exposure limits.

Protection of airways:

Respiratory protection is required if concentration are above exposure limits. Use a NIOSH approved autonomous respiratory apparatus if exposure limits are unknown.

Protective equipment and clothing:

Wear chemical / impermeable gloves or other protective clothing to prevent repeated or continuous contact with the skin during handling and usage. Wear goggles to prevent mist, vapours or dust to contact eyes. Insure that eyewash stations, showers and cleaning stations are near to work station.

General hygiene recommendations :

Avoid production of high concentrations of dust, vapours or mists. Avoid contact with skin and eyes. Avoid breathing dust, vapours or mists. Never eat, drink or smoke near work stations. Good hygiene is recommended after using this product. Clean clothing before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless, transparent liquid
Odour :	Bitter
Odour threshold:	Not available
pH (sol. 10%) :	13.0 – 13.5
Melting point:	0°C
Initial boiling point:	Not applicable
Flash point:	Not applicable
Evaporation rate (butyl acetate = 1):	Not available
Flammability:	Not applicable
LIL:	Not applicable
UIL:	Not applicable
Vapour pressure:	Not available
Vapour density (air=1):	Not available
Relative density:	1.036
Solubility:	Not soluble
Partition coefficient (n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
VOC	Not available
Viscosity:	50 cPs

SECTION 10 - STABILITY AND REACTIVITY

Stability and reactivity : Stable under recommended conditions and expected usage.

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Polymerisation:	No.
Conditions to avoid :	Contact with metals and acids product. Avoid heat and sunlight.
Incompatible materials :	Strong oxidants, acids.
Hazardous decomposition products :	Carbon oxides, nitrogen oxides, sodium oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION				
Toxicological data:				
Hazardous ingredient	CAS	% (weight)	DL ₅₀ (route, species)	CL ₅₀ (species)
Ethoxylated alcohol C12-C15	68131-39-5	10 – 30	1650 -2000 mg/kg, oral, rat >2000 mg/kg, dermal, rabbit	No data.
N-butoxypropanol	5131-66-8	1 – 5	3300 mg/kg, oral, rat >2000 mg/kg, dermal, rabbit	No data.
Alanine N,N-bis(carboxymethyl) trisodium salt	164462-16-2	1 – 5	>4000 mg/kg, oral, rat >4000 mg/kg, dermal, rat	>5 mg/L, rat, 4h
Sodium hydroxide	1310-73-2	1 – 5	1350 mg/kg, oral, rat	No data.
Alkyl(C10-C16) benzenesulfonique acid	68584-22-5	1 – 5	500 – 2000, mg/kg, oral, rat >2000 mg/kg, dermal, rabbit	No data.
Dipropylene glycol methyl ether	34590-94-8	1 – 5	5180 mg/kg, oral, rat 9500 mg/kg, dermal, rabbit	No data.
Short term exposure (acute) :				
Inhalation:	Irritation respiratory tract.			
Skin:	Skin irritation, chemical burns. Drying of the skin.			
Eyes:	Irritation, severe burns, possible damage to cornea.			
Ingestion:	Burn, irritation of mouth, throat, and digestive tract. Nausea, gastric distress.			
Long term exposure (chronic) :				
Inhalation:	May cause sensitivity in certain persons.			
Skin:	Irritation, chemical burns.			
Eyes:	Irritation, severe burns, possible damage to cornea.			
Ingestion:	Not available			
Carcinogenicity :	Not available			
Teratogenicity:	Not available			
Mutagenicity:	Not available			
Target organ:	Respiratory tract system during repeated or long-term exposures.			
Conditions aggravated by exposure :	Not available			

SECTION 12 - ECOLOGICAL INFORMATION				
Hazardous ingredient	CAS	% (weight)	Value	Species
Ethoxylated alcohol C12-C15	68131-39-5	10 – 30	EC50 10 – 100 mg/L, 72h EC50 5 – 10 mg/L, 48h LC50 5 – 10 mg/L, 96h	Algae Crustaceans Fish
N-butoxypropanol	5131-66-8	1 – 5	LC 560 – 1000 mg/L, 96h EC50 >1000 mg/L, 48h	Poecilia reticulata Daphnia magna
Alanine N,N-bis(carboxymethyl) trisodium salt	164462-16-2	1 – 5	LC50 >200 mg/L, 96h EC50 >200 mg/L, 48h EC50 >200 mg/L, 72h EC50 >200 mg/L, 28d EC50 >200 mg/L, 21d	Brachydanio rerio Daphnia magna Scenedesmus subspicatus Oncorhynchus mykiss Daphnia magna
Sodium hydroxide	1310-73-2	1 – 5	LC50 45.4 mg/L, 96h	Salmo gairdneri
Alkyl(C10-C16) benzenesulfonique acid	68584-22-5	1 – 5	LC50 1.67 mg/L, 96h EC50 2.4 mg/L, 48h EC50 4737 mg/L, 78h	Fish Daphnia Algae

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Dipropylene glycol methyl ether	34590-94-8	1 – 5	LC50 >1000 mg/L, 96h EC50 1919 mg/L, 48h EC50 969 mg/L, 72h	Poecilia reticulata Daphnia magna Pseudokirchneriella subcapitata
Persistence and degradability :	Not available			
Bioaccumulation potential:	Not available			
Mobility in soil:	Not available			
Other adverse effects :	Not available			

SECTION 13 - DISPOSAL CONSIDERATIONS

Safe handling for disposal:	Store materials for elimination and contaminated packaging as indicated in Section 7 Handling and Storage.
Methods of disposal :	Dispose contents/containers according to all municipal, provincial and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

UN Number	Proper shipping name	Class	Packing group	Placard
UN3266	CORROSIVE INORGANIC LIQUID N.O.S. (Sodium hydroxide)	8	III	
Limited quantity:	5 L or 5Kg			
Special precautions:	None known.			
Environmental dangers:	So not discharge into the environment.			

SECTION 15 - REGULATORY INFORMATION

Canadian Environmental Protection Act (CEPA):	Components of this product are listed in the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL) or are exempt.
Others :	Components of this product are listed on the TSCA or are exempt.

SECTION 16 - OTHER INFORMATION

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Date :	11 May 2018
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Abbreviations:	
ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS	Chemical Abstract Service
CL / LC	Concentration létale /Lethal concentration
DL / LD	Dose létale / Lethal dose
IARC	International Agency for Research on Cancer
LES	Liste extérieure des substances (NDSL)
LIS	Liste intérieure des substances (DSL)
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
SIMDUT	Système d'information sur les matières dangereuses utilisées au travail
STEL	Short-term Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average

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USEPA
WHMIS

United States Environmental Protection Agency
Workplace Hazardous Materials Information System

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