




BUG, TAR AND BRAKE DUST REMOVER CLEANER

SECTION 1 - IDENTIFICATION

Product identifier:	BUG, TAR AND BRAKE DUST REMOVER CLEANER
Recommended use:	Automotive use.
Chemical name :	Mixture
Manufacturer identifier:	DELPANN DISTINCTION INC. 56 Azarie-Côté Granby, QC Canada J2J 2M4 1-844-525-0302 info@10-4cleaners.com
Emergency phone:	Canutec (613) 996-6666 24 hrs

SECTION 2 - HAZARD IDENTIFICATION

Classification	Skin irritation - Category 2 Eye Irritation - Category 2A	
Signal word	WARNING	
Hazard statement	H315 H319	Cause skin irritation. Cause serious eye irritation
Precautionary statement - Prevention	P302+P352 P305+P351+P338	IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary statement - Response	P103 P333+P313 P337+P313	Read the label before using. If skin irritation occurs: Seek medical attention/Consult a physician. If eye irritation persist : Get medical advice/attention
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	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: remover person to fresh air and keep comfortable for breathing.
Skin contact:	IF ON SKIN: If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing/ jewellery and wash it before reuse. Apply moisturizing cream in case of dry skin.
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.
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.



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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.
Protective equipment :	Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.
Precautions:	Retain water run-off.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Protective equipment:	
	Wear plastic or rubber gloves if large quantities of bulk are handled. (See Section 8)
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. The product do not polymerise.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:			
Ingredient	CAS No.	Source	Value
Ethoxylated Alcohol C12-C15	68131-39-5		No established limits.
Engineering controls:			
	Local ventilation system is recommended.		
Protection of airways:			
	Not required if ventilation is adequate.		
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 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:	Translucid colourless liquid
Odour :	Characteristic of the product
Odour threshold:	Not available
pH:	12.3 - 12.6
Melting point:	Not applicable
Initial boiling point:	Not applicable



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Flash point:	Not applicable
Evaporation rate (butyl acetate = 1):	> 1.0
Flammability:	Not applicable
LIL:	Not applicable
UIL:	Not applicable
Vapour pressure:	Not available
Vapour density (air=1):	Not available
Relative density:	1.01 g/mL
Solubility:	Soluble
Partition coefficient (n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	< 100cPs (Brookfield RV #1 à 20 rpm)

SECTION 10 - STABILITY AND REACTIVITY

Stability and reactivity :	Stable under recommended conditions and expected usage.
Polymerisation:	No.
Conditions to avoid :	Contact with incompatible materials.
Incompatible materials :	Strong oxidants, acids.
Hazardous decomposition products :	Carbon oxides, nitrogen oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological data:				
Hazardous ingredient	CAS	%	DL₅₀ (route, species)	CL₅₀ (species)
Ethoxylated Alcohol C12-C15	68131-39-5	1 - 5	> 2000 mg/Kg (oral rat)	No data
Short term exposure (acute) :				
Inhalation:	Not applicable.			
Skin:	May cause skin irritation and / or drying the skin.			
Eyes:	May cause irritation to the eyes.			
Ingestion:	Nausea, diarrhea, vomiting and abdominal cramps.			
Long term exposure (chronic):				
Inhalation:	Not available			
Skin:	Not available			
Eyes:	Not available			
Ingestion:	Not available			
Carcinogenicity:	Not carcinogen by IARC			
Teratogenicity:	Not available			
Mutagenicity:	Not mutagen			
Target organ:	Not available			
Conditions aggravated by exposure:	Not available			

SECTION 12 - ECOLOGICAL INFORMATION

Hazardous ingredient	CAS	%	Value	Species
Ethoxylated Alcohol C12-C15	68131-39-5	1 - 5%	No data	No data
Persistence and degradability:	Not available			
Bioaccumulation potential:	Not available			
Mobility in soil:	Not available			
Other adverse effects :	Not available			



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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
Not regulated for transport.				

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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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
USEPA	United States Environmental Protection Agency
WHMIS	Workplace Hazardous Materials Information System

All information indicated in the present document are based on data supplied by recognized technical sources. While the information is believed to be accurate, the manufacturer makes no representations as to its accuracy or sufficiency. Users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.