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Canadian Workplace Hazardous Materials Information System
Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: **GUMOUT CARB & CHOKE CLEANER**
Item No: **29216**
Product Type: **Aerosol cleaner**

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
XYLENE 1330-20-7	30-60	4300 mg/kg	5000 ppm/4H; 47635 mg/L/4H	100 ppm
ACETONE 67-64-1	10-30	5800 mg/kg	not available	500 ppm
PROPANE 74-98-6	10-30	not available	658 mg/L/4H	1000 ppm
ISOBUTANE 75-28-5	7-13	not available	658 mg/L/4H	1000 ppm
ETHYL BENZENE 100-41-4	5-10	3500 mg/kg	17.2 mg/L/4H	20 ppm
DIACETONE ALCOHOL 123-42-2	3-7	4 g/kg	not available	50 ppm

III. PHYSICAL DATA

Physical State/Appearance: Aerosol/Clear liquid
Odour & Odour Threshold: Solvent odour
Specific Gravity: 0.80-0.84
Evaporation Rate: >1.0 (butyl acetate = 1)
Vapour Pressure: 45-55 psig @ 20°C
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: 139-168°C

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Hazardous Combustion Products: Oxides of carbon
Sensitivity to Static Discharge: Aerosol cans are under pressure and may explode in fire.
Conditions of Flammability: FLAMMABLE: Sprayed product will project flame and may flashback on contact of spray with an ignition source. Contents under pressure. Containers may explode if heated. Use equipment or shielding to protect personnel from bursting containers. Vapours are heavier than air and may travel or be moved along the ground to an ignition source. Do not use on vehicle unless cool.
Flash Point/Range: Flame projection >15 cm but <100 cm.
Autoignition Temperature: 465-527°C
Upper Explosive Limit: 12.8%
Lower Explosive Limit: 1.1%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: Strong oxidizers
Conditions of Reactivity: Avoid excessive heat, sparks and open flame.
Hazardous Decomposition Products: Carbon oxides

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: Acetone: Lung and other respiratory diseases, eye, skin and central nervous system problems

VI. HAZARDS IDENTIFICATION

Toxicity Information: **(See Effects of Acute Exposure to Product)**

Effects of Acute Exposure: Frequent or prolonged contact may dry and irritate skin and cause a rash. Excessive exposure may cause headache, nausea, dizziness and in extreme cases, unconsciousness, respiratory depression. Intentionally concentrating and inhaling the vapor may be harmful or fatal. Inhaling may cause mild irritation to the nose, throat and respiratory tract. May cause eye and skin irritation. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Aspiration into the lungs can cause pneumonia which can be fatal. Vapors are anesthetic in high concentrations.

Effects of Chronic Exposure: Xylene has caused cardiac, liver and kidney effects and anemia in laboratory animal tests. Chronic overexposure to solvents such as xylene can cause nervous system damage..

Irritancy of Product: Vapor above TLV is irritiating to eyes, nose, and throat and can cause headache, dizziness, nausea.

Sensitization to Product: **(See Effects of Acute Exposure to Product)**

Carcinogenicity: **(See Effects of Chronic Exposure to Product)**

Reproductive Toxicity: **(See Effects of Chronic Exposure to Product)**

Teratogenicity: **(See Effects of Chronic Exposure to Product)**

Mutagenicity: **(See Effects of Chronic Exposure to Product)**

Toxicologically Synergistic Products: None known

WHMIS Hazard Class: A COMPRESSED GAS, B5 FLAMMABLE AEROSOLS, D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection

Eyes: Safety glasses.

Skin: Neoprene or nitrile gloves recommended.

Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Engineering Controls: In case of insufficient ventilation, wear an organic vapor respirator

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

Protection of Man and Environment: Follow Canadian and local regulations for disposal.

Handling Procedures and Equipment: Flammable. Store away from heat, sparks and open flame. Store at temperatures below 50°C. Contents under pressure. Do not puncture or incinerate container. Avoid breathing vapours.

Special Handling Information: Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use. Keep away from heat, sparks and open flame.

VIII. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Give victim water, call a physician immediately. Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

IX. SHIPPING INFORMATION

Canadian Transportation of Dangerous Goods

Proper Shipping Name: Aerosols, Limited Quantity
Hazard Class: Class 2.1
UN/ID No: UN 1950

IATA (Air)

Proper Shipping Name: Consumer Commodity
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Aerosols, Limited Quantity
Hazard Class: Class 2.1
UN Number: UN 1950

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 4, PHYSICAL HAZARD 0
(HMIS is a registered trademark of the National Paint and Coatings Association)

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 4 , REACTIVITY 0
(NFPA is a registered trademark of the National Fire Protection Association)

X. PREPARATION INFORMATION

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