ANTI-SEIZE TECHNOLOGY
A.S.T. Industries, Inc.

CARB AND CHOKE CLEANER

SAFETY DATA SHEET

Section 1- Product and Company Identification

Product code: 17034

Manufacture/Supplier : Anti-Seize Technology
2345 N. 17th Ave.
Franklin Park, IL 60131

Phone: 847-455-2300
Fax: 847-455-2371
Web: antiseize.com
Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053 (US & Canada)
1-352-323-3500 (International)
Web: infotrac.net

Date: September 6, 2023

Section 2-Hazard Identification

GHS Classification

Specific Target Organ Toxicity-Single Exposure (Narcotic Effects) - Category 3
Specific Target Organ Toxicity-Repeated Exposure – Category 2
Skin Irritation - Category 2
Flammable Aerosol –Category 1
Gases under pressure – Liquefied gas
Eye Irritation – Category 2A

Pictograms:

Signal word:

Danger

Hazard Phrases- Physical:
Extremely flammable aerosol,
Pressurized container may burst if heated
Causes serious eye irritation

Precautionary Phrases
May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Keep away from heat/sparks/open flames/hot surfaces-No smoking
Do not spray on an open flame or other ignition sources.
Pressurized container. Do not pierce or burn, even after use
Do not breath dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Use only outdoors or in a well ventilated area.
Wear protective gloves/protective clothing/eye protection/fact protection.

Response:
IF INHALED:
Remove person to fresh air and keep comfortable for breathing.
Get medical advice/attention if you feel unwell.
Call a poison center/doctor if you feel unwell.
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 attention.

Storage:
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of contents in accordance with local, regional and national regulations.

Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
Acetone	67-64-1	50-100
Dimethyl carbonate	616-38-6	5-10
Propane	74-98-6	5-10
n-Butane	106-97-8	1-5

The specific identity and/or exact percentage of composition has been withheld as a trade secret.

Section 4 – First Aid Measures

Eye: Immediately flush eyes with water, holding the eyelids apart. Remove contact lens if present and easy to do, continue rinsing for 15-20 minutes. Get medical attention if irritation develops or persists.

Skin: In case of contact, wash thoroughly with plenty of soap and water. Remove contaminated clothing. Launder before re-use. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

Ingestion: Aspiration Hazard. DO NOT induce vomiting. Rinse mouth. If vomiting occurs naturally, lie on your side and the recovery position. Call a POISON CONTROL center. Get immediate medical attention.

Most Important symptoms and effects, both acute and delayed: Causes eye and skin irritation. Product is an aspiration hazard. May enter the lungs during swallowing or vomiting and cause lung damage. Inhalation may cause irritation, headache, dizziness and drowsiness.

Indication of any immediate medical attention and special treatment needed: Immediate medical attention required for ingestion.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media: Use water spray or fog, foam, carbon dioxide or dry chemical.

Unsuitable Extinguishing Media: Water may be ineffective but can be used to cool containers exposed to heat or flame.

Special Hazards Arising from the Chemical: Extremely flammable aerosol. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F may cause cans to burst. Combustion may produce carbon dioxide, carbon monoxide.

Special Equipment and Precautions for Fire-Fighters: Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Protect against bursting cans.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Eliminate all sources of ignition. Stay upwind. Avoid direct contact with spilled material. Wear appropriate personal protective equipment. Positive pressure, full face piece self contained breathing apparatus or NIOSH approved organic vapor respirator. Eliminate all sources of ignition . Ventilate area. Keep unnecessary people away. isolate hazard area and deny entry.

Environmental Hazards: Stop spill/ release if it can be done safely. Prevent spills from entering sewers, storm drains or other drainage systems. Use sand, earth, or other appropriate barriers. Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up: Place leaking container into a suitable container and place in a well-ventilated area until the propellant has dissipated. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

Section 7 – Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Avoid breathing vapors and mists. Use with adequate ventilation. Keep away from heat sources. Contents under pressure. Do not puncture or incinerate container. Do not smoke while using. Do not spray onto hot surfaces, open flames. Do not tamper with valve. Wear eye protection. Wear solvent resistant glove if skin contact is expected.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight.

Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
Acetone	OSHA TWA, 1000ppm OSHA TWA, 2400 mg/m3 NIOSH TWA, 250 ppm ACGIH TWA, 500 ppm
Isophorone	OSHA PEL, long term value 140mg/m3, 25 ppm

	OSHA REL Long term value, 23mg/m3 800ppm OSHA TLV Ceiling limit value 5ppm A3
n-Butane	OSHA REL Long term value 1900mg/m3, 800ppm
Propane	OSHA TWA, 1000ppm OSHA TWA, 1800mg/m3 NIOSH TWA, 1000ppm

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.

Individual Protection Measures:
Respiratory Protection: In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin Protection: Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact .

Eye Protection: Safety glasses or goggles highly recommended where needed to avoid eye contact.

Section 9 – Physical and Chemical Properties

Appearance: aerosol, clear liquid	**Vapor Density (air = 1):** heavier than ether
Odor: strong aromatic solvent odor	**Specific Gravity:** 0.77-0.85
Odor Threshold: Not established	**Water Solubility:** Not soluble
pH: Not available	**Octanol/Water Partition Coefficient:** Not available
Melting Point/Freezing Point: Not available	**Autoignition Temperature:** Not available
Boiling Point: -44°C, (-47°F)	**Decomposition Temperature:** Not available
Flash Point: -19°C, (-2.2°F)	**Viscosity:** Not available
Evaporation Rate: Slower than ether	**Explosion Properties:** None
Flammable Limits: **LEL**: 1 **UEL:** 12.8	**Oxidizing Properties:** Not oxidizing
Vapor Pressure: 20°C, 233hPa (174.8 mmHg)	**Aerosol Fire Protection Level:** Not applicable
	Flammability (solid, gas): gas, liquid

Section 10 – Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Use with strong oxidizing chemicals such as concentrated acids. High temperatures. Open flames, hot surfaces.

Incompatible Materials: None known

Hazardous Decomposition Products: The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

Section 11 – Toxicological Information

Dimethyl carbonate, oral, LD50 13,000mg/kg (rat)

Isophorone, Oral LD50 1,500mg/kg (rabbit)
Dermal LD50, 1500mg/kg (rabbit)

Potential Health Effects:

Eye: May cause mild irritation. Redness or burning sensation

Skin: Prolonged contact may cause mild irritation or defatting of the skin.

Inhalation: Inhalation of vapors and fumes may cause respiratory irritation .

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea

Acute Toxicity: Inhalation. Effect of overexposure include irritation of respiratory tract, headache, dizziness, nausea, and loss of coordination.
Acetone: The following medical conditions may be aggravated by exposure: lung disease, eye disorders, skin disorders. Overexposure may cause damage to any of the following: blood, central nervous system, eyes, kidneys, liver, respiratory tract, skin.

Section 12 – Ecological Information

Aquatic toxicity: Hazardous for water, do not empty into drains
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.
Other Information: This product does not contain any CFC's, HCFC's, PFC's or heavy metals.

Bioaccumulative Potential: No Data

Mobility in Soil: No Data

Other Adverse Effects: No Data

Section 13 – Disposal Consideration

Waste disposal: Follow RCRA guidelines. Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be landfilled at an approved facility.

Section 14- Transport Information

DOT Proper Shipping Name: UN1950, Aerosols, 2.1, Limited Quantity
DOT Technical Name: None
DOT Hazard Class: 2.1
UN Number: UN1950
DOT Labels Required (49CFR172.101): LTD QTY

IMDG Shipping Description: UN1950, Aerosols, 2.1, Limited Quantity,
ID Number: UN1950
Hazard Class: 2.1
Packing Group: None
Labels Required: None
Marking Required: Limited Quantity Mark
Placards Required: Limited Quantity

ICAO/IATA
Proper shipping name: Aerosol, Flammable
Hazard Class: 2.1
Identification Number: UN 1950
Packing Group: None

Section 15 – Regulatory Information

SARA Section 355 , Extremely hazardous substances: no ingredients are listed.
SARA Section 313: No ingredients listed.
TASCA: All ingredients are found on the inventory
DSL; All ingredients are listed or exempted
California Prop 65: no ingredients are listed

Section 16 – Other Information:

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of his product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.