

Safety Data Sheet

Choke-Kleen

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Choke-Kleen
PRODUCT CODE: 8185, 9927, 8415
RECOMMENDED USE: Carburetor and Choke Cleaner
RESTRICTIONS ON USE: None known.
COMPANY NAME: Tifco Industries
COMPANY ADDRESS: PO Box 40277, Houston, TX 77240-0277
COMPANY PHONE: 281-571-6000
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

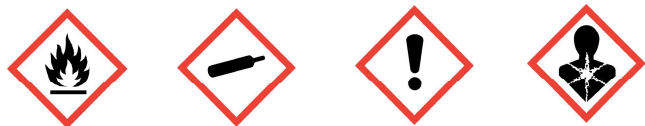
CLASSIFICATION: Flammable Aerosol: Category 1
Gases Under Pressure: Compressed Gas
Eye Irritant: Category 2A
Specific Target Organ Toxicity (Single Exposure): Category 1
Specific Target Organ Toxicity (Single Exposure): Category 3
Specific Target Organ Toxicity (Repeated Exposure): Category 2
Aspiration Hazard: Category 1

HAZARD STATEMENT(S): DANGER: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. Causes damage to central nervous system, optic nerve, liver, kidneys. May cause drowsiness or dizziness. May cause damage to auditory system through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: N/A

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear eye protection. 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 or attention. Do not breathe mist, vapors or spray. Do not eat, drink, or smoke when using this product. If exposed: Call a poison center or doctor. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state, and federal regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Acetone	67-64-1	65-75%
Distillates (petroleum), hydrotreated light	64742-47-8	10-20%
Methanol	67-56-1	5-10%
Carbon dioxide	124-38-9	5-10%
Xylene	1330-20-7	1-5%

SECTION IV - FIRST AID MEASURES

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 or attention.

INGESTION: Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.

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INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

ACUTE HEALTH HAZARDS: Causes eye irritation including redness, tearing, and pain. Prolonged contact with skin may cause irritation. May cause respiratory irritation and central nervous system (CNS) depression. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

CHRONIC HEALTH HAZARDS: May cause damage to eyes (including blindness), skin, lungs, respiratory and gastrointestinal tract. Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS). Suspected of damaging fertility or the unborn child.

NOTE TO PHYSICIAN: Treatment of overexposure should be directed toward the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water spray or fog.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply. Thermal decomposition can lead to the release of toxic/corrosive gases and vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Vapors may form explosive mixtures with air. Vapors heavier than air will settle in low lying areas and may travel to source of ignition and flash back. Keep away from heat, sparks, open flames and other sources of ignition.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, aldehydes, various hydrocarbons.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Eliminate all sources of ignition. Material is heavier than air and can settle in low lying areas in flammable concentrations. Clean up using rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains, and natural waterways. Place waste in proper containers for disposal. U.S. regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the U.S. Coast Guard National Response Center is (800) 424-8802.

WASTE DISPOSAL: Dispose of contents in accordance with federal, state and local regulations. Do not dump in sewers.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Keep away from heat, open flames, or other sources of ignition. Avoid contact with skin, eyes and clothing. Wear appropriate protective equipment. Do not inhale mist or vapor. Store in a cool, dry area. Do not use or store with strong oxidizers. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: Do not pierce or burn, even after use.

OTHER PRECAUTIONS: Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY: Strong alkalis, oxidizers, bases, reactive metals, and natural rubber Most plastics.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Acetone	1000 ppm	250 ppm
Distillates (petroleum), hydrotreated light	Not Established	200 mg/m ³
Methanol	200 ppm	200 ppm
Carbon dioxide	5000 ppm	5000 ppm
Xylene	100 ppm	20 ppm

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ENGINEERING CONTROLS / VENTILATION: Use only outdoors or in a well-ventilated area.

RESPIRATORY PROTECTION: If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves.

ADDITIONAL MEASURES: Wash hands thoroughly after handling. Do not breathe vapors. Do not eat, drink, or smoke while using product. Get medical attention if you feel unwell.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, colorless spray

ODOR: Solvent odor

ODOR THRESHOLD: N/D

pH: N/A

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: N/D

EVAPORATION RATE: N/D

FLAMMABILITY(solid/gas): Extremely Flammable Aerosol

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/A

UPPER FLAMMABILITY LIMIT: N/A

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOSIVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): Not Established

VAPOR DENSITY (AIR=1): N/D

RELATIVE DENSITY (H₂O=1): 0.772 - 0.802 @ 77 °F (25 °C)

SOLUBILITY(IES): N/D

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.

CHEMICAL STABILITY: Stable.

POSSIBLE HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: Temperatures greater than 122 °F may cause bursting. May be corrosive to lead, aluminum, magnesium and platinum. Avoid use in confined areas. Avoid incompatibles.

INCOMPATIBLE MATERIALS: Strong alkalis, oxidizers, bases, reactive metals, and natural rubber. Most plastics.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Acetone** (67-64-1): LD₅₀ (Oral, Rat) 5800 mg/kg; LD₅₀ (Dermal, Rabbit) 5000 mg/kg; LC₅₀ (Inhalation, Rat, 4hr) 20 mg/L. **Methanol** (67-56-1): LD₅₀ (Oral, Rat) 1187-2769 mg/kg; LD₅₀ (Dermal, Rabbit) 17100 mg/kg; LC₅₀ (Inhalation, Rat, 4h) 85.26 mg/L. **Carbon dioxide** (124-38-9): LC₅₀ (Inhalation, Rat, 30 min) 470,000 ppm. **Xylene** (1330-20-7) LD₅₀ (Oral, Rat) 4000 mg/kg; LC₅₀ (Inhalation, Vapor, Mice) 5000 ppm.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes irritation, redness, tearing, pain.

INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting. Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.

INHALATION: Causes irritation to the respiratory tract, dizziness, drowsiness and central nervous system (CNS) depression.

SKIN: May cause mild irritation, localized defatting, dryness.

MEDICAL CONDITION AGGRAVATED: Pre-existing conditions of the skin, liver, kidneys, CNS and respiratory system.

ACUTE HEALTH HAZARDS: Causes eye irritation including redness, tearing, and pain. Prolonged contact with skin may cause irritation. May cause respiratory irritation and central nervous system (CNS) depression. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

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CHRONIC HEALTH HAZARDS: May cause damage to eyes (including blindness), skin, lungs, respiratory and gastrointestinal tract. Repeated or prolonged exposure may be toxic to kidneys, liver, skin, central nervous system (CNS). Suspected of damaging fertility or the unborn child.

CARCINOGENICITY: OSHA: No ACGIH: A3 - Animal Carcinogen NTP: 2 - Anticipated

IARC: 2B - Possible **OTHER:** CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Toxic to aquatic life with long lasting effects. Avoid release to the environment. **Acetone (67-64-1):** LC₅₀ (*Oncorhynchus mykiss*, 96h) 5540 mg/L; EC₅₀ (*Daphnia magna*, 48h) 6100 mg/L; EC₅₀ (*Selenastrum quadricauda*, 8d) 7500 mg/L; EC₅₀ (*Psuedomonas putida*, 16h) 1700 mg/L. **Distillates (petroleum), hydrotreated light (64742-47-8):** LC₅₀ (*Daphnia*, 48h) > 1000 mg/L; EC₅₀ (*Algae*, 72h) > 1000 mg/L. **Methanol (67-56-1):** LC₅₀ (*Pimephales promelas* [flow-through], 96h) 28200 mg/L; LC₅₀ (*Pimephales promelas* [static], 96h) > 100 mg/L; EC₅₀ (*Daphnia*, 24h) 23500 mg/L [immobilization].

PERSISTENCE AND DEGRADABILITY: This product is biodegradable.

BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.

MOBILITY IN SOIL: This product is mobile in soil.

OTHER ADVERSE EFFECTS: None known.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of contents in accordance with federal, state and local regulations. Do not dump in sewers.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): **Acetone (67-64-1)** Reportable Quantity = 5,000 pounds. **Methanol (67-56-1)** Reportable Quantity = 5,000 pounds. **Xylenes (1330-20-7)** Reportable Quantity = 100 pounds. **Ethylbenzene (100-41-4)** Reportable Quantity = 1000 pounds. **Cumene (98-82-8)** Reportable Quantity = 5,000 pounds.

SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Gas under pressure. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure). Aspiration hazard.

SARA 313 REPORTABLE INGREDIENTS: **Methanol (67-56-1)**. **Xylenes (1330-20-7)**. **Ethylbenzene (100-41-4)**. **Cumene (98-82-8)**.

CLEAN WATER ACT: **Acetone (67-64-1)** is a hazardous substance. **Methanol (67-56-1)** is a hazardous substance. **Ethylbenzene (100-41-1)** is a hazardous substance. **Cumene (98-82-8)** is a hazardous substance.

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STATE REGULATIONS: California Proposition 65: WARNING: This product can expose you to chemicals including Ethylbenzene, which is known to the state of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. **Acetone (67-64-1):** Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, ME, MA, MN, NJ, PA, RI, WA. **Methanol (67-56-1):** Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, NJ, PA. **Xylene (1330-20-7):** Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, MA, ME, MN, NJ, NY, PA, RI, WA. **Ethylbenzene (100-41-4):** Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, IL, MA, ME, MN, NJ, NY, PA, RI, WA, WI. **Cumene (98-82-8):** Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: NJ, PA, RI.

INTERNATIONAL REGULATIONS: Listed or exempt from listing/notification on the following chemical inventories: Australian Inventory of Industrial Chemicals (AIIC, Australia); Domestic Substances List (DSL, Canada); Inventory of Existing Chemical Substances in China (IECSC, China); Existing and New Chemical Substances (ENCs, Japan); Korea Existing Chemical Inventory (KECI, Korea); New Zealand Inventory of Chemicals (NZIoC, New Zealand); Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines).

VOLATILE ORGANIC COMPOUNDS (VOC): 9.9%

NFPA HEALTH: 2
NFPA FLAMMABILITY: 3
NFPA REACTIVITY: 1
NFPA OTHER: None

HMIS HEALTH: 2
HMIS FLAMMABILITY: 3
HMIS REACTIVITY: 1
HMIS PROTECTION: B

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Roberto Cerón

DATE PREPARED: 01/16/2014

REVISION DATE: 09/09/2021

N/A = Not Applicable; N/D = Not Determined

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