

Safety Data Sheet
Speedi-Kleen Plus

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Speedi-Kleen Plus
PRODUCT CODE: 7625, 9931, 8038
RECOMMENDED USE: Solvent Degreaser
RESTRICTIONS ON USE: None known
COMPANY NAME: Tifco Industries
COMPANY ADDRESS: PO Box 40277, Houston, TX 77240
COMPANY PHONE: 281-571-6000
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Gases Under Pressure: Dissolved Gas
Skin Irritant: Category 2
Eye Irritant: Category 2A
Reproductive Toxicity: Category 1B
Specific Target Organ Toxicity (Single Exposure): Category 3
Carcinogenicity: Category 2
Specific Target Organ Toxicity (Repeated Exposure): Category 1
Acute Toxicity, Oral: Category 4

HAZARD STATEMENT(S): DANGER: Contains gas under pressure; May explode if heated. Causes skin and serious eye irritation. May damage fertility or the unborn child. May cause respiratory irritation, drowsiness or dizziness. Suspected of causing cancer. Presumed to have the potential to produce significant nervous system toxicity in humans through prolonged or repeated exposure. May be harmful if swallowed.

This product contains the following percentage of chemicals of unknown toxicity: 0%

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. Wash hands thoroughly after handling, take off contaminated clothing and wash it before reuse. Wear chemical resistant gloves of Viton or Silvershield material and safety glasses. If on skin, wash with plenty of water. If skin irritation occurs, get medical advice or attention. 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice/attention. Keep container tightly closed. Store in a well ventilated place. Do not breathe dust/fume/gas/mist/vapors/spray. 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/doctor and get medical attention if you feel unwell. Do not eat, drink or smoke when using this product. If swallowed: Immediately call a poison center/doctor. Rinse mouth. Dispose of contents and container in accordance with local/regional/national regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
n-Propyl Bromide	106-94-5	90-97%
Carbon Dioxide	124-38-9	5-25%

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.
INGESTION: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

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INHALATION: Move to fresh air. If not breathing, administer artificial respiration.

SKIN: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

ACUTE HEALTH HAZARDS: Headache, drowsiness, dizziness, nausea, vomiting or narcosis.

CHRONIC HEALTH HAZARDS: Repeated inhalation of high concentrations may cause lung, liver, kidney, urinary, blood, bone marrow, heart, eye, central nervous system, gastrointestinal, reproductive, developmental and fertility effects.

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed toward the control of symptoms and the clinical condition of the patient.

SECTION V – FIRE-FIGHTING MEASURES

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

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear SCBA in fire situations.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from heat, sparks, open flames and hot surfaces. No smoking.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, hydrogen halides, bromides.

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SPILL: Absorb spill with non-combustible material such as vermiculite, sand or earth.

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations.

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

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Store in a well ventilated area. 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.

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

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
n-Propyl Bromide	Not Established	10 ppm
Carbon Dioxide	5000 ppm	5000 ppm

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

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear colorless to yellow liquid

ODOR: Strong solvent odor

ODOR THRESHOLD: N/D

pH: N/A

MELTING POINT/FREEZING POINT: -166.8°F (-110.5°C)

INITIAL BOILING POINT AND BOILING RANGE: 158°F (70°C)

FLASH POINT: N/D

EVAPORATION RATE: 4.7 (Fast)

FLAMMABILITY(solid/gas): Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

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EXPLOSIVE LIMIT LOWER (%): N/D
EXPLOSIVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
RELATIVE DENSITY (H₂O=1): 1.3
SOLUBILITY(IES): Non-soluble in water.
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: None known.
CHEMICAL STABILITY: Stable.
POSSIBLE HAZARDOUS REACTIONS: None known.
CONDITIONS TO AVOID: Excessive heat. Prolonged contact with free water will result in diminished stabilizer and corrosion.
INCOMPATIBLE MATERIALS: Strong alkalies, oxidizers, bases, reactive metals, and natural rubber
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, hydrogen halides, bromides.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: n-Propyl bromide (106-94-5): LD₅₀ (Oral, Rat) 4260 mg/kg; LC₅₀ (Inhalation, Rat, 0.5h) 50291 ppm; LC₅₀ (Inhalation, Rat, 4h) 14374 ppm.
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes irritation.
INGESTION: Nausea and gastric discomfort.
INHALATION: Causes irritation to the respiratory tract, headache, dizziness, nausea, vomiting or narcosis. May cause liver damage.
SKIN: Causes mild irritation, dryness, localize defatting.
MEDICAL CONDITION AGGRAVATED: Pre-existing conditions of the skin, liver, central nervous system (CNS) and kidneys.
ACUTE HEALTH HAZARDS: Headache, drowsiness, dizziness, nausea, vomiting or narcosis.
CHRONIC HEALTH HAZARDS: Repeated inhalation of high concentrations may cause lung, liver, kidney, urinary, blood, bone marrow, heart, eye, central nervous system, gastrointestinal, reproductive, developmental and fertility effects.
CARCINOGENICITY: OSHA: Yes ACGIH: No NTP: 2 - Anticipated
IARC: 2B - Possible **OTHER:** CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Not established.
PERSISTENCE AND DEGRADABILITY: Component or components of this product are not 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 in accordance with local, state and federal regulations.
RCRA STATUS: Waste likely considered hazardous 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: 2.2
UN/NA NUMBER: UN1950
PACKING GROUP: N/A

AIR SHIPMENT

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PROPER SHIPPING NAME: Aerosols, non-flammable.

HAZARD CLASS/DIVISION: 2.2

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols.

HAZARD CLASS/DIVISION: 2.2

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION
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TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): 1,2-Butylene oxide (106-88-7)

Reportable Quantity = 100 pounds.

SARA 311/312 HAZARD CATEGORIES: Acute Health, Chronic Health.

SARA 313 REPORTABLE INGREDIENTS: 1,2-Butylene oxide (106-88-7). Nitromethane (75-52-5). *sec*-Butyl alcohol (78-92-2). *n*-Propyl bromide (106-94-5). Isopropyl alcohol (67-63-0)

STATE REGULATIONS: California Proposition 65: WARNING: This product can expose you to chemicals including 1-Bromopropane (1-BP), which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov. 1,2-Butylene oxide (106-88-7): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, MA, MN, NJ, PA, RI.

INTERNATIONAL REGULATIONS: n-Propyl Bromide (106-94-5) Canada (DSL): Ingredients listed WHMIS: Class D Division 2B, WHMIS-HC-1

VOLATILE ORGANIC COMPOUNDS (VOC): 97%

NFPA HEALTH: 2

HMIS HEALTH: 2

NFPA FLAMMABILITY: 1

HMIS FLAMMABILITY: 1

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: B

SECTION XVI - OTHER INFORMATION
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PREPARATION BY: Mitch Whitney

DATE PREPARED: 12/27/2013

REVISION DATE: 03/11/2022

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

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