



Safety Data Sheet (SDS)

SECTION 1 - MANUFACTURER INFORMATION

MANUFACTURER/DISTRIBUTOR: Rainbow Technology Corporation (800) 637-6047
CONTACT PERSON: Larry Joe Steeley, Jr.
EMERGENCY PHONE # (24HRS.): Chem-Tel Inc. (800) 255-3924
TRADE NAME: Cleaner and Degreaser
PRODUCT NUMBER: 4305
CHEMICAL NAME: Proprietary
FORMULA: Proprietary
ISSUE DATE: April 8, 2014
REPLACES MSDS DATED: November 4, 2002

SECTION 2 - INGREDIENTS

INGREDIENT	CAS #	%	PPM	MG/M3	LEL	VAPOR PRESSURE AEROSOL CANS 40 P.S.I.A. @ 70°F
D-Limonene	5989-27-5	69.70	ND	ND	0.70	
Propane	74-98-6	18.2	ND/ 1000.0	ND/ 1800.0	2.30	
Isobutane	75-28-5	12.1	ND	ND	1.90	

ND = No data

SECTION 3 - PHYSICAL DATA

BOILING POINT: N/A
EVAPORATION RATE: Faster than ether
PERCENT VOLATILE ORGANIC BY WEIGHT: 100.0%
WEIGHT PER GALLON: 5.994
VAPOR DENSITY: Heavier than air

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: Aerosol - 10°F (T.O.C.)
Concentrate - 125° (T.C.C.)
LEL: See Section 2
FLAMMABILITY CLASSIFICATION: 1A
OSHA: CLASS 1A FLASH POINT BELOW 73°F AND A BOILING POINT BELOW 100°F
EXTINGUISHING MEDIA: Use carbon dioxide, dry chemical or foam.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to heat may cause bursting of aerosol can.
SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective. Water may be used to cool containers to prevent bursting. If water is used, fog nozzles are preferable. Wear goggles and self contained breathing apparatus.

SECTION 5 - HEALTH HAZARD

THRESHOLD LIMIT VALUE: See Section 2

ACUTE OVEREXPOSURE/FIRST AID:

INHALATIONS: Exposure to solvent vapors concentration exceeding the established threshold limit values can cause respiratory system irritation. Symptoms of overexposure are irritation, headache, dizziness, nausea, possible unconsciousness and asphyxiation.
First Aid: Remove patient to fresh air. If breathing stops, begin artificial respiration. Seek immediate medical attention.

EYE CONTACT: May cause eye irritation especially upon direct contact with the spray.
First Aid: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN CONTACT: Prolonged or repeated liquid contact may cause defatting of the skin, leading to irritation and dermatitis.
First Aid: Wash with soap and water.

INGESTION: Accidental ingestion is unlikely from an aerosol can. If ingested, call a physician immediately.
First Aid: Call a physician immediately.

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SECTION 5 - HEALTH HAZARD

CHRONIC OVEREXPOSURE:

D-Limonene
(5989-27-5)

Harmful if swallowed. May be irritating to skin and eyes. Not listed as a carcinogen by NTP, OSHA or IRCA. FEMA and FDA list D-Limonene as GRAS "Generally recognized as safe". Reported animal effects: None under conditions of expected use. RIFM lists acute oral LD50(rat) >5 G/KG

SECTION 6 - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Do not store above 120°F. Keep from sparks, pilot lights or open flame.

INCOMPATIBILITY: (MATERIALS TO AVOID) Avoid strong oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce hazardous fumes when heated to decomposition. Fumes may contain carbon dioxide and/or carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: N/A

N/A = Not applicable

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, avoid breathing vapors, ventilate area. Wipe up with inert materials and place in appropriate container.

WASTE DISPOSAL METHODS: Do not incinerate aerosol, dispose of in accordance with local, state and federal regulations. Do not place aerosol cans in home compactor. Do not puncture.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Avoid continuous breathing of vapors and spray mist. A self contained breathing apparatus is required for concentrations above TLV limits.

VENTILATION: Use with adequate ventilation, sufficient to prevent inhalation of solvent vapors.

PROTECTIVE GLOVES: Optional

EYE PROTECTION: Only under conditions where spray mist might get into eyes.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store above 120°F. Exposure to heat or prolonged exposure to sun may cause bursting.

OTHER PRECAUTIONS: Use only as directed. Intentional misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

SECTION 10 – OTHER REGULATORY INFORMATION

DOT CATEGORY: Consumer Commodity, ORM-D (Ground)
Aerosols Flammable, 2.1, Flammable Gas (Air) UN-1950

The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use.