



**IQ PRODUCTS
COMPANY**

MATERIAL SAFETY DATA SHEET

MSDS Number: 249-A-196

Issue Date: 06-29-01

CleanSafe® Dust Remover Unscented

Manufacturer: IQ Products Company Houston, TX 77086-1014	Transportation Emergency CHEMTREC: (800) 424-9300	NFPA Hazard Classifications	NFPA Designation 704 Degree of Hazard
Prepared by: Marty A. York	MSDS Assistance IQ Phone: (281) 444-6454 IQ Fax: (281) 444-0185	1 = Health 0 = Flammability 0 = Reactivity	4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant

Section 1

Product Identification

COMMON NAME ON LABEL CleanSafe® Dust Remover Unscented	CHEMICAL FAMILY Hydrofluorocarbons
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Section 2

Information on Ingredients

Component	CAS No.	OSHA PEL	ACGIH TLV-TWA	ACGIH TLV-STEL
1,1,1,2-Tetrafluoroethane	811-97-2	Not Established	Not Established	Not Established

Section 3

Physical Data

VAPOR PRESSURE (mmHg @ 77 °F)	Not Established	PERCENT VOLATILES BY VOLUME	25
VAPOR DENSITY (Air=1)	Not Established	FREEZING POINT (°F)	Not Established
SOLUBILITY IN WATER	Negligible	MELTING POINT	Not Applicable
APPEARANCE AND ODOR	Clear colorless gas at ambient conditions with faint ether-like odor.		

Section 4

Fire & Explosion Hazard Data

FLASH POINT:	Non-Flammable	AUTOIGNITION TEMPERATURE:	Not Established
FLAMMABLE LIMITS IN AIR, % BY VOLUME:	Not Applicable	LOWER:	Not Established
		UPPER:	Not Established
EXTINGUISHING MEDIA:	Use extinguishing media as required for surrounding fire conditions such as water spray, foam, Carbon dioxide or dry chemical.		
SPECIAL FIRE FIGHTING PROCEDURES:	Firefighters should wear a self-contained breathing apparatus and protective clothing. This is due to the toxicity of thermal decomposition products from a fire containing this product.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Contents of the can are under pressure. Do not incinerate container. Do not store can at temperatures above 120 °F (49 °C). Exposure to direct sunlight, flame or other heat source may cause can to burst, potentially causing serious injury.		

Section 5

Health Hazard Data

EFFECTS OF OVEREXPOSURE		EMERGENCY AND FIRST AID PROCEDURES	
EYES	<u>Eye Contact with Liquid:</u> Can cause eye irritation. Can cause frostbite.	EYES	Flush eyes with water for 15 minutes. Get medical attention if irritation persists.

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Section 5		Health Hazard Data	
EFFECTS OF OVEREXPOSURE		EMERGENCY AND FIRST AID PROCEDURES	
SKIN	<u>Skin Contact with Liquid</u> : Can cause skin irritation. Can cause frostbite.	SKIN	Flush exposed area of the skin with lukewarm (<u>not hot</u>) water. Warm the skin slowly. Use other means to warm the skin slowly if lukewarm water is not available. Get medical attention if frostbitten or if skin irritation occurs.
INHALATION	Inhalation of the contents of this can is extremely dangerous. Intentional or deliberate inhalation may cause death without warning.	INHALATION	Remove affected person to fresh air. If not breathing, give artificial respiration and seek medical attention immediately. If breathing is difficult, give oxygen. Trained personnel should only administer oxygen. Do not use adrenaline, epinephrine or similar drugs after exposure.
INGESTION	Not Applicable	INGESTION	Product is a gas at ambient conditions.
Section 6		Reactivity Data	
STABILITY	<input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID: Avoid exposing the container to extreme heat or fire.	
INCOMPATIBILITY: Strong alkalis and oxidizers			
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID: Avoid exposing the container to extreme heat or fire.	
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen fluoride, Carbon monoxide, and Carbon dioxide			
Section 7		Spill or Leak Procedures	
STEPS TO BE TAKEN IN CASE MATERIAL RELEASE: Remove all ignition sources. Ventilate area and avoid breathing vapors.			
WASTE DISPOSAL METHOD: Always package, store, transport, and dispose of all waste and contaminated equipment in accordance with all applicable federal, state, and local health and environmental regulations.			
Section 8		Special Protection Information	
EYE PROTECTION: Glasses and preferably goggles should be worn while using this product.			
SKIN PROTECTION: Synthetic rubber gloves should be worn while using this product. Lined synthetic rubber gloves are recommended.			
RESPIRATORY PROTECTION: Avoid breathing high concentrations of vapor. Reduce exposure levels below the recommended exposure limits. The recommended workplace exposure level (8-hour TWA) is 1,000 PPM as established by the American Industrial Hygiene Association. If exposures cannot be kept below the recommended exposure limits, then a full-face supplied air respirator or a self-contained breathing apparatus should be used.			
MECHANICAL VENTILATION: Local mechanical exhaust ventilation should be used to reduce exposure limits below the recommended levels.			
OTHER PROTECTIVE EQUIPMENT: Use the protective equipment recommended. Add additional protective equipment necessary to avoid inhalation, skin contact, and eye contact with the product.			
Section 9		Special Precautions	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store in cool, dry, and well ventilated area. Do not store at temperatures above 120 °F.			

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OTHER PRECAUTIONS: Read and observe all DIRECTIONS, WARNINGS, and FIRST AID statements on the product label.

WARNING: CONTENTS UNDER PRESSURE. AVOID EYE CONTACT. AVOID SKIN CONTACT.
AVOID INHALATION. KEEP OUT OF REACH OF CHILDREN.