

Flinn Scientific, Inc.

831.00

MATERIAL SAFETY DATA SHEET

CHEMICAL NAME & SYNONYMS 1-1-2 TRICHLORO -1-2-2- TRIFLUOROETHANE (TTE)		FLINN CATALOG NUMBER T0022, T0023, T0068
FORMULA FCCl ₂ CClF ₂	FORMULA OR ATOMIC WEIGHT 187.38	CAS NUMBER 76-13-1
PHYSICAL DATA (DENSITY, SOLUBILITY, ETC.) Specific Gravity: 1.42 Soluble in water and many common organic solvents.		
APPEARANCE AND ODOR Colorless, nearly odorless, volatile liquid.		
COMPATIBLE CHEMICAL FAMILY Organic #4 See Flinn Chemical Catalog/Reference Manual	DOT CLASS Not Regulated	REACTIVITY Stable
CONDITIONS TO AVOID (IF ANY): Avoid contact with finely divided powdered metals and aluminum, magnesium and zinc. Reacts violently with sodium, potassium, calcium and barium.		
HEALTH HAZARDS (IF ANY): Slightly toxic by inhalation. May be body tissue irritant. orl-rat LD50: 43000 mg/kg Not all health aspects of this substance have been fully investigated.		THRESHOLD LIMIT VALUE (TLV) IF ESTABLISHED 100 ppm in air
FIRE HAZARDS (IF ANY): Non flammable, non combustible Decomposition releases toxic hydrogen chloride and hydrogen fluoride gas.		
SPILLS AND LEAKS: Absorb on sand or vermiculite. Place in a suitable container. Use the disposal method listed on the right.		DISPOSAL METHOD 27j See Flinn Chemical Catalog Reference Manual
SPECIAL PRECAUTIONS (IF ANY): Wear chemical gloves and goggles. Use and dispense in a hood. Prudent lab practices should be observed.		
FIRST AID (IF SUBSTANCE DANGEROUS): External: Wash affected parts with copious quantities of water. Internal: Wash mouth; see a physician. Eyes: Wash continuously for 15 minutes. See a physician. Respiratory: Transport to fresh air.		
Consult your copy of the Flinn Chemical Catalog/Reference Manual for even more information about laboratory chemicals		

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LIMIT OF LIABILITY — NO WARRANTY

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Materials listed in this MSDS are classified in accordance with the definitions set forth in 29CFR parts 1915, 1916 and 1917.

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