

Material Safety Data Sheet

RISK PHRASES Flammable material; avoid heat and sources of ignition. The health risks of this compound have not been fully determined. Exposure may cause irritation of the skin, eyes, and respiratory



(T0711)

Section II. Composition and Information on Ingredients Chemical Name CAS Number Percent (%) TLVPFL Toxicology Data 2.2.3-Trimethylbutane 464.06.2 Min. 85.0 Not available. Not available. Not available. Section III. Hazards Identification Acute Health Effects No specific information is available in our data base regarding the toxic effects of this material for humans. However, sogare to any chemical should be kept to a minimum. Shin and eye contact may result in inflation. May be harmful if inhaled or ingested. Always follow safe industrial hygiene practices and wear proper protective equipment when handling this compound. Chronic Health Effects CARCINOGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. There is no known effect from chronic exposure to this product. Repeated or prolonged exposure to this compound is not known feed from chronic exposure to this product. Repeated or prolonged exposure to this compound is finites. accasionally iffing the upper eyelids. Seek medical attention. Treat symptomatically and supportively. Skin Contact After contact with with an available. Treat symptomatically and supportively. Inhalation Forecurrent bit withing the upper eyelids. Seek medical attention. Treat symptomatically and supportively. Name event intervent is a sort as possible. Seek inmedialattention. Treat symptomatically and supportively.		system.						
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Fire Fighting Media and Instructions	Explosion Hazards	Risks of explosion	Risks of explosion of the product in presence of static discharge: Not available.					
							r (900) 424 0200	

Emergency phone number (800) 424-9300

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	Flammable liquid. SMALL FIRE: Use DRY chemicals, CO ₂ , alcohol foam or water spray. LARGE FIRE: Use alcohol foam, water spray or fog.					
Section VI.	Accidental Release Mea	asures				
Spill Cleanup Instructions	Flammable liquid. Keep away from heat and sources of ignition. Mechanical exhaust required. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. DO NOT touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all sources of ignition. Consult federal, state, and/or local authorities for assistance on disposal.					
Section VII. H	andling and Storage					
Handling and Storage Information	FLAMMABLE. Do not breathe gas, fumes, vapor or spray. Always store away from incompatible compounds such as oxidizing agents. Reactive with strong oxidizers; may be ignited by heat, sparks or flames. Vapors may travel to source of ignition and flash back. Closed containers may explode from heat of a fire. Empty containers may pose a fire risk. Evaporate residue under a fume hood if possible. Ground all equipment containing material. Handle with caution and minimize exposure. Keep away from heat and sources of ignition. Tightly seal container and store in a cool, dry place. Use only non-sparking hand tool when handling this product.					
Section VIII.	Exposure Controls/Per	sonal Protection				
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash station and safety shower is proximal to the work-station location.					
Personal Protection	Splash goggles. Lab coat. Vapor respirator. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.					
Exposure Limits	Not available.					
Exposure Limits						
	Physical and Chemical					
Physical state @ 20°C	Colorless liquid. 0.69	Solubility	Not available.			
Specific Gravity Molecular Weight	100.2	Partition Coefficient	Not available.			
Boiling Point	81°C (177.8°F)	Vapor Pressure	3.37PSI @ 37.7°C			
Melting Point	Not available.	Vapor Density	Not available.			
Refractive Index	Not available.	Volatility	Not available.			
Critical Temperature	Not available.	Odor	Not available.			
Viscosity	Not available.	Taste	Not available.			
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Section X. Stability	Stability and Reactivity		n instructions)			
Conditions of Instability	This material is stable if stored under proper conditions. (See Section VII for instructions)					
Incompatibilities	Avoid excessive heat and light. Reactive with oxidizing agents.					
-						
	Toxicological Informati	ion				
RTECS Number	Not available.					
Routes of Exposure	Eye contact. Ingestion. Inhalation	n.				
Toxicity Data	Not available.					
Chronic Toxic Effects	CARCINOGENIC EFFECTS : Not available. MUTAGENIC EFFECTS : Not available. TERATOGENIC EFFECTS : Not available. DEVELOPMENTAL TOXICITYNot available. There is no known effect from chronic exposure to this product. Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions.					
Acute Toxic Effects	exposure to any chemical should	be kept to a minimum. Skin and eye co	effects of this material for humans. Howeve ntact may result in irritation. May be harmful ear proper protective equipment when handlin			

T0711

2,2,3-Trimethylbutane

Page 3 Section XII. Ecological Information Ecotoxicity Not available. Not available. **Environmental Fate** Section XIII. **Disposal Considerations** Waste Disposal Recycle to process, if possible. Consult your local or regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state, and local regulations when disposing of the substance Section XIV. Transport Information DOT Classification DOT CLASS 3: Flammable liquid. PIN Number UN3295 Proper Shipping Name Hydrocarbons, liquid, n.o.s. Packing Group (PG) Ш DOT Pictograms

Section XV. Other Regulatory Information and Pictograms This compound is ON the EPA Toxic Substances Control Act (TSCA) inventory list. TSCA Chemical Inventory

(EPA)				
WHMIS Classification (Canada)	WHMIS CLASS B-2: Flammable liquid with a flash point lower than 35°C (100°F).			
EINECS Number (EEC)	Not available.			
EEC Risk Statements	R11- Highly flammable. R18- In use, may form flammable/explosive vapor-air mixture.			
Japanese Regulatory Data	Not available.			

Section XVI. Other Information

Version 1.0 Validated on 2/1/1999. Printed 3/12/2005.

Notice to Reader

TCI laboratory chemicals are for research purposes only and are NOT intended for use as drugs, food additives, households, or pesticides. The information herein is believed to be correct, but does not In the abolatory international of the second part of the above named supplier nor any of its subsidiaries assumes any liability what we not be control in the above named supplier nor any of its subsidiaries assumes any liability whatsever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential handling procedures. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist. Our MSDS sheets are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated MSDS sheets for products that are stored for extended previous in the avoid for extended in the subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated MSDS sheets for products that are stored for extended in extended for extended in any incide response who is the avoid for extended in the subject to the subject to the avoid for extended in the subject is the subject to be available at the subject personnel who are the have become more dangerous or hazardous. It is the responsibility of the user to request updated MSDS sheets for products that are stored for extended in the subject is the subject to the avoid for extended in the subject to the subject is the subject to the subject is the subject to t periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, facial mask, fume hood). For proper handling and disposal, always comply with federal, state, and local regulations.

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