&S Educational, Inc. teway to Knowledge	MATERIAI 8944 Beckett Rd. West Chester, OH 45069 (513) 860-4949	MSDS N	No. AA 25 January 14, 1999	SECTION V HEALTH HAZARD DATA 24 % Threshold Limited Value TWA (Air): 750 ppm; 1, 780 mg/m ³ STEL (Air): 1, 000 ppm 2380 mg/m ³ (ACGIH 1992-93).
SECTION I Product ACETONE	Fax (513) 682-8181			Effects of Overexposure INHALATION: Vapors are irritating to eyes, nose, and throat. High vapor concentrations may result In headache, dizziness, and nausea. <u>SKIN</u> : Repeate contact causes defauiting and chapping and drying of skin. <u>EVES</u> : Causes seve irritation, redness and swelling. <u>INGESTION</u> : Slightly toxic, causea, vomitling, headache, dizziness, and unconaclousness. Aspiration hazard.
Chemical Synonyms 2-Propanor Formula CH3COCH, Unit Size Up to 20 Lit C.A.S. No. 67-64-1	anone; Dimethyl Ketone DCH ₃ 20 Liters. 21 0 B00-424-9300 Day 716-226-6177 Fire 3 Reactivity 0 HAZARD RATING HAZARD RATING HIGH EXTREME		-226-6177 Fire 3 Reactivity 0 NG HMIS *	Emergency and First Aid Procedures Network State Procedures <u>SKIN</u> : Wash contact area with scep and water. <u>EYES</u> : Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. <u>INGESTION</u> : DO NOT INDUCE VOMITINGI Call a physician. If conscious, give one
SECTION II	INGREDIENTS OF M	IXTURES		or two glasses of water to drink. Never give anything by mouth to an unconscious person.
Principal Component(s) Acetone: (CAS No. 67-64-1)		% >99.5%	TLV Units See Section V.	Stability Unstable Conditions to Avoid Excessive temperatures, heat, sparks an open fiame and other sources of ignition
May contain trace amount	1962 - 1964 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1975 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 -	999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999 - 999	Incompatibility (Materials to Avoid) Chloroform; Chromic Anhydride; Hydrogen Peroxide; Nitric Acid and Acetic Acid Nitric and Sulfuric Acid; Sulfuric Acid and Potassium Dichromate. Strong oxidize	
Benzene: (CAS No. 71-43-2) (suspected carcinogen). DANGERI EXTREMELY FLAMMABLEI CAUSES EYE IRRITATION				Hazardous Complete combustion yields carbon dioxide and water vapor; Incomplete
SECTION III Melting Point (°F)	PHYSICAL DATA -94°C (-137°F) \$94°C	tific Gravity ($H_2 O = 1$)	0.7880 @ 25°C/25°C	Hazardous Polymerization Conditions to Avoid
Boiling Point (°F) Vapor Pressure (mm Hg)	56.48°C (132.8°F) by V	entVolatile olume (%) xonation Rate B⊔tylAC. ⇒1)	100%	May Occur Will Not Occur Not applicable. X SECTION VII SPILL OR LEAK PROCEDURES
Vapor Density (Air=1) Solubility in Water	2.00 Completely miscible.			Steps to be taken in case Eliminate all sources of ignition. Small spill - allow to evaporat material is released or spilled Eliminate all sources of ignition. Small spill - allow to evaporat if it can be done safely. Otherwise soak up with absorbent material and scoop into drum.
Appearance & Odor SECTION IV Flesh Point (Method Used) - 18°C (0°F	Colorless Ilquid, pungent odor. FIRE AND EXPLOSIO TCC Firmmable Limi % by Volume	ts in Air	DATA Upper Lower Upper 2.6% 12.8%	Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Burn in an approved incinerator, if local environmental regulations permit.
Future uters	ide (CO ₂); dry chemical (ABC); water			SECTION VIII SPECIAL PROTECTION INFORMATION Respiration Protection Work in fume hood or wear a NIOSH/MSHA-approved all purpose canister mask.
SPECIAL FIREFIGHTING PROCEDURES Water should be used to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure and to dilute spills to non-flammable mixtures. In fire conditions, wear a Niosh/ MSHA-approved self-contained breathing apparatus.			osure and to dilute ons, wear a Niosh/	(Specify Type) Local Exhaust Recommended. Special No. Ventilation Local Exhaust Recommended. Other Adequate to maintain below exposure I Protective Gloves Rubber. Eye Protection Chemical safety glasses Other Protective Select glasses in cost wanted bood protectives fire extinguisher, eye wash station
(1996 EMERGENCY RESP	PONSE GUIDEBOOK, DOT P 5800.	7, GUIDE PAGE NO.	127)	SECTION IX SPECIAL PRECAUTIONS
UNUSUAL FIRE AND EXPLOSION HAZARDS Acetone is extremely flammable and its vapors form explosive mixtures with air. Dangerous when exposed to heat, sparks, flame or strong oxidizing agents. Autoignition Temperature: 1000°F (538°C).				Precautions to be Taken in Handling & Storing Keep away from heat, sparks, flame. Store in a cool, well-ventilated area Use with adequate ventilation. Other Precautions Read label on container before using. Do not were contact lenses when working with chemicals. Avoid contact with eyes. Avoid prolonged or repeated breathing of vapor Avoid prolonged or repeated contact with skin. Remove and wash contaminated clothing.
				For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Revision No. 7 Date 1/14/99 Approved Michael Reszeja Chemical Safety Coordinator The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information

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