

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND DISTRIBUTOR'S INFORMATION						
<b>NFPA Rating:</b> Health-2; Flammability-2; Reactivity-0; Special- -			<b>HMIS Rating:</b> Health-2; Flammability-2; Reactivity-0; Personal Protection-B			
<b>Manufactured For:</b> Hillyard Industries, Inc. Address: 302 N. 4 <sup>th</sup> St Address: St. Joseph, MO 64501			<b>DOT Hazard Classification:</b> ORM-D <b>Identity</b> (trade name as used on label): <b>HILLYARD GRAFFITI REMOVER / HIL0109254</b>			
Phone: (816) 233-1321 ext 8285 or http://www.hillyard.com			<b>MSDS Number:</b> A06964      Revision- 1			
<b>EMERGENCY RESPONSE NUMBER:</b> 1-800-255-3924			Date Prepared: 09/07/01    Prepared By: AJH/IB			
<b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b>			Information Calls: (770)422-2071			
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
<b>COMPONENTS-CHEMICAL NAMES AND COMMON NAMES</b> (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ISOBUTANE/PROPANE BLEND		75-28-5	No	800	800	d
		74-98-6	No	1000	1000	d
MONOCYCLIC TERPENE		5989-27-5	No	N/E	N/E	d
CYCLOHEXANONE		108-94-1	No	50	25 (skin)	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> N/A			<b>Specific Gravity</b> (H2O=1): Concentrate Only = 0.906			
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): 60			<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/A			
<b>Vapor Density</b> (Air = 1): N/E			<b>Evaporation Rate</b> ( = 1): N/E			
<b>Solubility in Water:</b> Partial			<b>Water Reactive:</b> No			
<b>Appearance and Odor:</b> Light tan, opaque emulsion with floral-camphor odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) <b>FLAMMABLE</b>		<b>Auto Ignition Temperature</b> N/E		<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/E      % UEL: N/E		
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): N/A			<b>EXTINGUISHER MEDIA:</b> Foam, dry chemical, carbon dioxide.			
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-contained breathing apparatus.						
<b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose aerosols to temperatures above 120°F or the container may rupture.						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
<b>Incompatibility</b> (Mat. to avoid): Acids and strong oxidizers.			<b>Conditions to Avoid:</b> Open flame, welding arcs, heat, sparks.			
<b>Hazardous Decomposition Products:</b> CO, CO2.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b>						
<b>Inhalation:</b> Excessive inhalation of vapors can be harmful and may cause headache, nausea, vomiting, dizziness, asphyxia, anesthetic effects and possible unconsciousness.						
<b>Eye Contact:</b> Irritation			<b>Skin Contact:</b> Irritation, redness, burning, drying of skin.			
<b>Ingestion:</b> Possible chemical pneumonitis if aspirated into lungs. Nausea.						
<b>CHRONIC EFFECTS:</b> (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormality, liver abnormalities, kidney and/or lung damage.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> May aggravate existing eye, skin, or upper respiratory conditions.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush with water for at least 15 minutes. If irritated, seek medical attention.						
<b>Skin Contact:</b> Wash with soap and water. Remove contaminated clothing and launder before re-wearing. If irritated, seek medical attention.						
<b>Inhalation:</b> Remove to fresh air. Resuscitate if necessary. Get medical attention.						
<b>Ingestion:</b> <b>DO NOT INDUCE VOMITING unless instructed by physician to do so.</b> Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> If vapor concentration exceeds TLV, use respirator approved by U.S.Bureau of Mines (MSHA-NIOSH) for organic vapor.						
<b>Protective Gloves:</b> Rubber gloves.			<b>Eye Protection:</b> Safety glasses recommended.			
<b>Ventilation Requirements:</b> Adequate ventilation to keep vapor concentration below TLV.						
<b>Other Protective Clothing &amp; Equipment:</b> None						
<b>Hygienic Work Practices:</b> Wash with soap and water before handling food. Remove contaminated clothing.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Absorb spilled liquid with suitable medium. Place in closed drum for proper disposal. Incinerate or landfill according to local, state or federal regulations. Prevent from entering drains or sewers.						
<b>Waste Disposal Methods:</b> Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.						
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Do not puncture or incinerate containers. Do not store at temperatures above 130°F.						
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> Avoid food contamination. Avoid breathing vapors. Remove ignition sources.						

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only