

safe

versatile

biodegradable

effective



biosolutions

1811 Hayes St. Suite E
Grand Haven, MI 49417
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BIOSOLVE

Ready-to-use Graffiti, Paint and Adhesive Remover

PRODUCT CHARACTERISTICS

Soy Based

Biodegradable

Little to No Residues

Low VOC's

Pleasant Fragrance

Cuts through:
Paint, Inks, Dyes, Adhesives and Polymers with little to no agitation

BENEFITS:

Unlike other graffiti/paint removers, BioSolve contains very little VOC's which are known to contribute to low ozone smog and global warming.

No highly toxic (like Xylene and Toluene) or chlorinated solvents.

PACKAGING OPTIONS:

32 oz quarts (12/case)

4 / 1 gallon bottles

5 gallon pails

55 Gallon drum

Michigan Manufactured Product



IDENTITY (As used on label and list)

BioSolve – Ready-to-use Graffiti, Paint, and Adhesive Remover

SECTION I

Manufacturer's Name	Emergency Telephone Number
Biosolutions, LLC	616-844-3471
1811-E Hayes Street	Information Number
Grand Haven, MI	616-846-1210
49417	

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

COMPONENT	% WEIGHT	CAS #
Methyl ester, soybean oil	<3	67784809
2-Propanone	>35	67-64-1
Proprietary	balance	N/A
HMS Rating	Health-1	Fire-2 Reactivity-0

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	93.4 C
Vapor Pressure (mm Hg.)	17.0
Vapor Density (AIR = 1)	.831
Solubility in Water	<30%
Appearance and odor	Yellow/Clear –mild odor
PH	N/A
Specific Gravity (H2O = 1)	.75
Melting Point	N/A
Evaporation Rate (Butyl Acetate = 1)	~1.2

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	> 15 °C
VOC	< 5 %
Usual Fire and Explosion Hazards	Flammable

Fire Fighting Equipment / Instructions

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION V - REACTIVITY DATA

Stability	Stable
Compatibility (materials to avoid)	None
Hazardous Polymerization	Will Not Occur
Conditions To Avoid	Flame

SECTION VI - EXPOSURE CONTROLS/HAZARDS INFORMATION

Routes of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Not shown as a carcinogen by OSHA, IARC, or NTP

Hazards Information: Eyes - This product may cause eye irritation upon contact.

 Skin - This product may cause mild skin irritation upon direct contact

 Inhalation - Inhalation hazard is minimum under normal conditions

 Ingestion - Ingestion of this product may cause gastrointestinal irritation, nausea

First Aid Procedures: Eyes - Hold eyelid open; flush with large volume of water; continue for 15 minutes. If irritation develops, seek medical attention.

 Skin - Wash area with mild soap and water. If irritation develops, seek medical attention.

 Inhalation - Remove to fresh air. If irritation develops, seek medical attention.

 Ingestion - If ingested DO NOT induce vomiting; dilute with milk and seek medical attention.

 Never give anything by mouth to an unconscious person.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: wear suitable clothing, gloves, and eye protection. Absorb large spills with floor dry material. Small spills, flush with water and pick up.

Waste disposal methods: because product uses, mixtures, processes or contamination may render this product hazardous, it is the responsibility of the owner/user to determine at the time of disposal if the product meets RCRA criteria for hazardous waste. Disposal must concur with local, state, and federal regulations.

Precautions to be taken in handling and storage: Avoid flame and oxidizers.

Other precautions: Avoid freezing. If freezing occurs, thaw and stir.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specific Type): None required

Ventilation: Local exhaust, adequate ventilation

Protective gloves: Yes

Eye protection: Yes

Other protective clothing or equipment: None

DISCLAIMER OF WARRANTY:

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of seller's knowledge. However, seller makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use of thereof. Seller assumes no responsibility for injury to buyer or third party or any damage to property. Buyer assumes all such risks.