



Technical Service Bulletin

SUBJECT:		No: TSB-21-00-010	
RAP-Film Adhesive Residue Removal		DATE: April 2021	
		MODEL: All Models	
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

Several aftermarket cleaning solvents are available for removing protective vehicle wrap (RAP-Film) adhesive residue. However, some solvents may be harmful to the vehicle's body paint and some plastic parts. Many Mitsubishi dealers have reported good results using Biosol 100 cleaning solvent to remove RAP-Film adhesive residue. This bulletin contains instructions and Material Safety Data Sheets for Biosol 100 use.

Biosol 100 cleaning solvent is available from:

Westmar Products
10729 47th Avenue West
Mukilteo, WA 98275

Phone: (425) 405-1405
Fax: (425) 405-1407

Email: info@westmarproducts.com

AFFECTED VEHICLES

All Models

PROCEDURE

1. Use Biosol 100 solvent full strength (undiluted).
2. Do not apply Biosol 100 in bright sunlight. Park the vehicle in a shaded area before applying Biosol 100.
3. Apply Biosol 100 to the affected area. Allow it to work for 3 to 5 minutes.
4. Rinse with water or remove the solvent by wiping with a clean rag. If necessary, apply Biosol 100 a second time.
5. When rinsing the solvent off the vehicle, be sure the solution is not disposed of through storm drains/sewers. Dispose of in accordance with local, state, and Federal regulations.
6. Rinse the affected area or wash the entire vehicle with soap and water.

MATERIAL SAFETY DATA SHEETS



MATERIAL SAFETY DATA SHEET

COMPLIES WITH WAC 296-62-05413

COMMON NAME: BIOSOL 100 ITEM NUMBER: WM 6201-6205

SECTION I PREPARATION/REVISION DATE: 10-24-89

Manufacturer's Name and Address: Wesmar Company Inc.
 1451 N.W. 46Th
 Seattle, Wa. 98107

Emergency Phone: (206) 789-5344
 If no answer call: (206) 523-4243 or (206) 789-5327

Chemical Name: N/A Common Name: BIOSOL 100

Chemical Family: N/A FORMULA: N/A

SECTION II HAZARDOUS INGREDIENTS

-Applicable Exposure Limits-

Chemical and Common Name:	%	Pel-Wish/Osha	TLV-Acginh	Other
D-LIMONENE (CAS#5989-27-5)	95-100	N/D	N/D	N/A

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*HAZARD RATING
*
*           Flammability
*           (Red)
*
*4=Degree of Hazard
*3=High
*2=Moderate
*1=Slight
*0=Insignificant
*
*           Health
*           (Blue)
*
*           Reactivity
*           (Yellow)
*
*           Special
*           Hazard
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CARCINOGENIC INGREDIENTS

-Reference Source-

Chemical and Common Name:	%	Ntp	Iarc	Wisha/Osha
None listed by I.A.R.C., N.T.P., OR O.S.H.A.				

MATERIAL SAFETY DATA SHEET

COMPLIES WITH WAC 296-62-05413

COMMON NAME: BIOSOL 100

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SECTION III HEALTH HAZARD DATA

ACUTE HEALTH EFFECTS: May cause eye and skin irritation. May cause eye damage. May be harmful if swallowed. Inhalation may cause nausea.

CHRONIC HEALTH EFFECTS: None Known.

ROUTES OF ENTRY: Eyes, skin contact, ingestion, inhalation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: May irritate existing respiratory problems and skin disorders.

EMERGENCY AND FIRST AID PROCEDURES

(EYE CONTACT): Immediately flush with cool water for 15 minutes. If irritation occurs seek medical attention.

(SKIN CONTACT): Remove contaminated clothing. Wash affected areas with soap and water. Launder clothing before reuse.

(INGESTION): Drink milk or water to dilute. Seek medical attention.

(INHALATION): Seek fresh air immediately.

Boiling Point (F): ~330 F	Specific Gravity (H2O=1): <1
Vapor Pressure (mm Hg.): N/D	Percent volatile by vol.(%): N/D
Vapor Density (Air=1): N/D	Evaporation rate (____=1): N/D

SOLUBILITY: Emulsifiable in water.

APPEARANCE: Clear liquid with citrus odor.

MATERIAL SAFETY DATA SHEET

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COMMON NAME: BIOSOL 100

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SECTION V PHYSICAL HAZARD DATA

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FLASH POINT: 120 F

FLAMMABLE LIMITS: Lel: 0.7% Uel: 6.1%

EXTINGUISHING MEDIA: Dry powder, foam, CO2, water (spray only).

SPECIAL FIRE FIGHTING PROCEDURES: Class B fire procedures.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible liquid, avoid heat, sparks, and open flame.

INCOMPATIBILITY (Materials to avoid): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: CO or CO2 upon combustion.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: N/A

STABILITY: Stable.

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SECTION VI SPILL OR LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Appropriate protective clothing and equipment must be worn by clean-up personnel. Contain spillage in suitable containers or holding area. Material that cannot be contained should be absorbed with an inert material such as diatomaceous earth and placed in suitable container.

WASTE DISPOSAL METHOD: Dispose of in approved chemical disposal area or in a manner which complies with all local, state and federal regulations.

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SECTION VII EXPOSURE CONTROL INFORMATION

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RESPIRATORY PROTECTION: Not normally required, but if vapor concentration is high use NIOSH approved organic vapor respirator.

VENTILATION: (Local exhaust/Mechanical (General)): Good general room ventilation. Use mechanical exhaust in enclosed areas.

PROTECTIVE GLOVES: Impervious.

EYE PROTECTION: Safety glasses, goggles or face shield as conditions demand.

OTHER PROTECTIVE EQUIPMENT: Not normally required.

OTHER ENGINEERING CONTROLS: None.

WORK PRACTICES: Wear proper protective clothing as specified above. Handle with care and caution.

HYGIENIC PRACTICES: All food should be kept in a separate area away from the storage/use location. Hands and face should be thoroughly washed after using and before eating or drinking.

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SECTION VIII SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, dry location away from food and feed stuffs. Handle with care and caution. Store away from strong acids and oxidizing compounds and other incompatible materials. Store and use well away from heat, sparks, open flame or any source of ignition.

MAINTENANCE PERSONNEL: No special precautions.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Keep containers closed when not in use. Do not store in or transfer to unlabeled containers except for immediate use.