

Material Safety Data Sheet**1. MATERIAL AND COMPANY IDENTIFICATION**

Material Name : Rain-X Bug and Tar Remover Pre-Wash Gel
Uses : Cleaner.

Manufacturer/Supplier : ITW Global Brands
6925 Portwest Dr., Suite 100
Houston, TX. 77024-8042
USA

MSDS Request : 1-855-888-1988

Emergency Telephone Number
Spill Information : (CHEMTREC) 1-800-424-9300, Local: 1-703-527-3887
Health Information : (RMPDC) 1-877-504-9352

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS No.	Concentration
Distillates (petroleum), hydrotreated light	64742-47-8	30.00 - 60.00 %
Propan-2-ol	67-63-0	1.00 - 5.00 %

3. HAZARDS IDENTIFICATION

Emergency Overview	
Appearance and Odour	: Amber. Hazy. Slightly viscous liquid. Alcohol-like.
Health Hazards	: Not classified as dangerous for supply or conveyance.
Safety Hazards	: Not classified as flammable but will burn.
Environmental Hazards	: Not classified as dangerous for the environment.

Health Hazards

Inhalation : Under normal conditions of use, this is not expected to be a primary route of exposure.

Skin Contact : Under normal conditions of use, this is not expected to be a primary route of exposure.

Eye Contact : Under normal conditions of use, this is not expected to be a primary route of exposure.

Ingestion : Under normal conditions of use, this is not expected to be a primary route of exposure.

Environmental Hazards : No specific hazards under normal use conditions.

Additional Information : Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Material Safety Data Sheet**4. FIRST AID MEASURES**

General Information	:	Not expected to be a health hazard when used under normal conditions.
Inhalation	:	No treatment necessary under normal conditions of use.
Skin Contact	:	No treatment necessary under normal conditions of use.
Eye Contact	:	No treatment necessary under normal conditions of use.
Ingestion	:	In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.
Advice to Physician	:	Consult a Poison Control Centre for guidance.

5. FIRE FIGHTING MEASURES

Flash point	:	68.3 °C / 154.9 °F (Setaflash Closed Cup)
Upper / lower Flammability or Explosion limits	:	Data not available
Specific Hazards	:	Will not burn or support combustion.
Suitable Extinguishing Media	:	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Protective measures	:	Not applicable. No specific measures.
Clean Up Methods	:	Not applicable.
Additional Advice	:	Observe all relevant local and international regulations.

7. HANDLING AND STORAGE

Handling	:	No specific measures.
Storage	:	No special storage requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational Exposure Limits**

Material	Source	Type	ppm	mg/m3	Notation
Distillates (petroleum), hydrotreated light	ACGIH	TWA(Non-aerosol.)		200 mg/m3	as total hydrocarbon vapor
Distillates (petroleum), hydrotreated light	ACGIH	SKIN_DES(Non-aerosol.)			Can be absorbed through the skin.as total hydrocarbon vapor

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Propan-2-ol	OSHA Z1	PEL	400 ppm	980 mg/m3	
Propan-2-ol	OSHA Z1A	TWA	400 ppm	980 mg/m3	
Propan-2-ol	OSHA Z1A	STEL	500 ppm	1,225 mg/m3	
Propan-2-ol	ACGIH	TWA	200 ppm		
Propan-2-ol	ACGIH	STEL	400 ppm		

- Exposure Controls** : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.
- Personal Protective Equipment** : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
- Respiratory Protection** : No respiratory protection is ordinarily required under normal conditions of use.
- Hand Protection** : Not normally required.
- Eye Protection** : Safety spectacles (safety glasses).
- Protective Clothing** : Skin protection is not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Amber. Hazy. Slightly viscous liquid.
- Odour : Alcohol-like.
- pH : Not applicable.
- Initial Boiling Point and Boiling Range : 100 °C / 212 °F
- Freezing Point : Data not available
- Flash point : 68.3 °C / 154.9 °F (Setaflash Closed Cup)
- Upper / lower Flammability or Explosion limits : Data not available
- Vapour pressure : Data not available
- Specific gravity : 0.888 - 0.900
- Density : 7.40 - 7.50 g/cm3 (ASTM D-4052)
- Water solubility : Soluble.
- n-octanol/water partition coefficient (log Pow) : Data not available
- Vapour density (air=1) : Data not available
- Volatile organic carbon content : < 4.5 % vol
- Volatility : 87 %
- Viscosity : 6000 - 9000 centiPoise at 25 °C / 77 °F
- Evaporation rate (nBuAc=1) : Data not available

10. STABILITY AND REACTIVITY

- Stability** : Stable under normal conditions of use.
- Conditions to Avoid** : Not applicable.
- Materials to Avoid** : Not applicable.
- Hazardous Decomposition Products** : None expected under normal use conditions.
- Hazardous Polymerisation** : No
- Sensitivity to Mechanical** : No

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Sensitivity to Static Discharge : Data not available

11. TOXICOLOGICAL INFORMATION

Basis for Assessment : Information given is based on data from components.
Acute Oral Toxicity : Expected to be of low toxicity: LD50 >2000 mg/kg , Rat
Acute Dermal Toxicity : Expected to be of low toxicity: LD50 >2000 mg/kg , Rabbit
Acute Inhalation Toxicity : Expected to be of low toxicity: LC50 >20 mg/l Rat
Skin Irritation : Expected to be non-irritating to skin.
Eye Irritation : Expected to be non-irritating to eyes.
Respiratory Irritation : Not expected to be a respiratory irritant.
Sensitisation : Not a skin sensitiser.
Mutagenicity : No evidence of mutagenic activity.
Carcinogenicity : Not a carcinogen.

Material	Carcinogenicity Classification
Propan-2-ol	ACGIH Group A4: Not classifiable as a human carcinogen.
Propan-2-ol	IARC 3: Classification not possible from current data.

Reproductive and Developmental Toxicity : Not a developmental toxicant.

12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product.

Acute Toxicity : Data not available
Mobility : Disperses in water.
Persistence/degradability : Data not available
Bioaccumulation : Data not available
Other Adverse Effects : Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

13. DISPOSAL CONSIDERATIONS

Material Disposal : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.
Local Legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION

US Department of Transportation Classification (49CFR)

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This material is not subject to DOT regulations under 49 CFR Parts 171-180.

IMDG

This material is not classified as dangerous under IMDG regulations.

IATA (Country variations may apply)

This material is not classified as dangerous under IATA regulations.

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

Notification Status

EINECS	All components listed or polymer exempt.
TSCA	All components listed.
DSL	All components listed.

Comprehensive Environmental Release, Compensation & Liability Act (CERCLA)

Rain-X Bug and Tar Remover Pre-Wash Gel ()	Reportable quantity: 2137 lbs
Propan-2-ol (67-63-0)	Reportable quantity: 100 lbs

SARA Toxic Release Inventory (TRI) (313)

Propan-2-ol (67-63-0)	4.68%
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State Regulatory Status

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

New Jersey Right-To-Know Chemical List

Distillates (petroleum), hydrotreated light (64742-47-8)	Listed.
Propan-2-ol (67-63-0)	Listed.

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Listed.

Pennsylvania Right-To-Know Chemical List

Distillates (petroleum), hydrotreated light (64742-47-8)
Propan-2-ol (67-63-0)

Listed.
Environmental hazard.
Listed.

16. OTHER INFORMATION

- MSDS Version Number** : 2.0
- MSDS Effective Date** : 09/01/2009
- MSDS Revisions** : A vertical bar (|) in the left margin indicates an amendment from the previous version.
- MSDS Regulation** : The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
- MSDS Distribution** : The information in this document should be made available to all who may handle the product.
- Disclaimer** : The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.