

SAFETY DATA SHEET

This SDS is Classified to the 2012 OSHA Hazard Communication Standard 29 CFR 1920.1200.

SDS #: RCC-01-2

DATE PREPARED: 1/04/2020

REVISION DATE: 02/15/2024

SECTION 1: IDENTIFICATION

1.1 Identification

Product form : Mixture

Product name : IB Roof Cleaner Wash Concentrate

1.2 Use

Recommended use: Roof Cleaner on flat/low-sloped and steep-sloped roofs.

Restrictions on use: For exterior use only. Do not use it indoors. Adequate ventilation recommended.

1.3 Supplier

IB Roof Systems, Inc.

506 E. Dallas Rd Suite 300

Grapevine, Texas 76051

Information: 800-426-1626 • www.ibroof.com

Fax: 972-915-6802

Safety Data Sheet Competent Person: Technical@ibroof.com

1.4 Emergency telephone number

3E Emergency Response U.S. 855-280-2834

3E Emergency Response International 760-602-8703

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS-US classification Not Classified

Physical Hazard: Not Classified

2.2 GHS Label elements, including precautionary statements

GHS US labelling

Hazard statements (GHS US): Not Classified

Hazard symbol: None

Signal Word: None

Precautionary statements (GHS US):
Observe good industrial hygiene practices.
Wash hands after handling
Store away from incompatible materials.
Dispose of waste and residues in accordance with local authority requirements.

2.3 Other hazards which do not result in classification

No additional information available

2.4 Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

There are no ingredients listed as hazardous to health according to OSHA 29 CFR 1910.1200.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures general: Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves.

Inhalation:

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact:

Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact:

Rinse with water. Get medical attention if irritation develops and persists.

Ingestion:

Rinse mouth. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects (acute and delayed)

Symptoms/effects:

Direct contact with eyes may cause temporary irritation.

4.3 Immediate medical attention and special treatment, if necessary

Treatment:

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:

Water fog. Foam. Dry chemical powder. Carbon dioxide.

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed such as: Carbon oxides (COx).

5.3 Special protective equipment and precautions for fire-fighters

Precautionary measures fire:

No unusual fire or explosion hazards noted.

Firefighting instructions:

Move containers from fire area if you can do so without risk.

Protection during firefighting:

Use standard firefighting procedures and consider the hazards of other involved materials.

Other information:

No additional information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

General measures:

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.

6.1.1 For non-emergency personnel

Protective equipment:

Wear Protective equipment as described in Section 8.

Emergency procedures:

Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment:

Use standard firefighting procedures.

6.2 Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up

For containment/cleaning up:

This product is miscible in water.

Small Spills: Absorb spillage with suitable absorbent material. Clean surface thoroughly to remove residual contamination.

Large Spills: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

6.4 Reference to other sections

See Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling:

Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Incompatible materials:

No data available.

Storage Period:

24 Months

Storage Temperature:

15.6°C (60°F); 32.2°C (90°F)

Heat and ignition sources:

No data available.

Special rules on packaging:

Keep only in original container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

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| Occupational exposure limits: | No exposure limits noted for ingredients. |
| Biological limit values: | No biological exposure limits noted for ingredients. |

8.2 Appropriate engineering controls

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| Appropriate engineering controls: | Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. |
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8.3 Individual protection measures/Personal protective equipment

Personal protective equipment symbol(s):



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| Personal protective equipment: | Gloves. Protective goggles. |
| Materials for protective clothing: | Wear suitable protective clothing, gloves, and eye/face protection |
| Hand protection: | Wear appropriate chemical resistant gloves. Examples of preferred glove barrier materials include Nitrile. Suitable gloves can be recommended by the glove supplier |
| Eye protection: | Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles. |
| Skin and body protection: | Wear appropriate chemical resistant clothing. |
| Respiratory protection: | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Appropriate respirator selection should be made by a qualified professional. |
| Thermal hazards: | Wear appropriate thermal protective clothing, when necessary. |
| General hygiene considerations: | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

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| Physical state: | Liquid |
| Appearance: | Liquid |
| Color: | Amber |
| Odor: | Mild. Soapy |
| Odor threshold: | No data available |
| pH: | No data available |
| Melting point: | No data available |
| Freezing point: | No data available |
| Boiling point: | No data available |
| Flash point: | Not Flammable |
| Relative evaporation rate (n-butyl acetate=1): | No data available |
| Flammability (solid, gas): | No data available |
| Vapor pressure: | No data available |
| Relative vapor density at 20 °C: | > 1 (air = 1) |
| Relative density: | 1.00 |
| Density: | 8.3 lb./gal ± 0.2 |
| Solubility: | Soluble |
| Partition coefficient n-octanol/water (Log Pow): | No data available |
| Auto-ignition temperature: | No data available |
| Decomposition temperature: | No data available |
| Viscosity, kinematic: | Not applicable |
| Viscosity, dynamic: | No data available |
| Explosive limits: | No data available |
| Explosive properties: | No data available |

Oxidizing properties: No data available

9.2 Other information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

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| 10.1 Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| 10.2 Chemical stability | Stable under recommended handling and storage conditions (see section 7). |
| 10.3 Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| 10.4 Conditions to avoid | Contact with incompatible materials. |
| 10.5 Incompatible materials | Strong oxidizing agents. Acids. Fluorine. |
| 10.6 Hazardous decomposition products | No hazardous decomposition products are known. |

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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| Acute toxicity (oral): | Not expected to be acutely toxic. |
| Acute toxicity (dermal): | Not classified |
| Acute toxicity (inhalation): | Not classified |
| Skin corrosion/irritation: | Prolonged skin contact may cause temporary irritation. |
| Serious eye damage/irritation: | Direct contact with eyes may cause temporary irritation. |
| Respiratory or skin sensitization: | Not a respiratory sensitizer. This product is not expected to cause skin sensitization. |
| Germ cell mutagenicity: | No data available. |
| Carcinogenicity: | Not classifiable as to carcinogenicity to humans. |
| Reproductive toxicity: | This product is not expected to cause reproductive or developmental effects. |
| STOT-single exposure: | Not classified |
| STOT-repeated exposure: | Not classified |
| Aspiration hazard: | Not an aspiration hazard. |
| Symptoms/effects: | Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after inhalation: | Not a respiratory sensitizer. |
| Symptoms/effects after skin contact: | This product is not expected to cause skin sensitization. |
| Symptoms/effects after eye contact: | Direct contact with eyes may cause temporary irritation. |
| Symptoms/effects after ingestion: | May cause discomfort if swallowed. |

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

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| Ecology - general: | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
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12.2 Persistence and degradability

No data is available on the degradability of this product.

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

This product is miscible in water.

12.5 Other adverse effects

No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods

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| Waste treatment methods: | Do not discharge public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit. |
| Product/Packaging disposal recommendations: | Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment. |

SECTION 14: TRANSPORT INFORMATION

Department of Transportation (DOT)

In accordance with DOT
Not regulated for transport

Transport by sea (IMDG)
Not regulated for transport

Air transport (IATA)
Not regulated for transport

Transport in bulk according to Not established
Annex II of MARPOL 73/78 and
The IBC Code

SECTION 15: REGULATORY INFORMATION

15.1 US Federal regulations

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| IB Roof Cleaner Wash Concentrate | |
| This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200 | |
| TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) | Not Regulated |
| CERCLA Hazardous Substance List (40 CFR 302.4) | Not Listed |
| SARA 304 Emergency release notification | Not Regulated |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) | Not Listed |
| Toxic Substances Control Act (TSCA) | All components of the mixture on the TSCA 8(b) inventory are designated "active". |
| Superfund Amendments and Reauthorization Act of 1986 (SARA) | |
| SARA Section 302 Extremely Hazardous Substance List | Not Listed |
| SARA Section 311/312 Hazard Classes | None |
| SARA Section 313 (TRI reporting) | Not Regulated |
| Other Federal regulations: | |
| Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List | Not Regulated |
| Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) | Not Regulated |
| Safe Drinking Water Act (SDWA) | Not Regulated |

15.2 International regulations

No additional information available

15.3 US State regulations

The ingredients in this product are not listed nor regulated by US State regulations such as Right to Know – Substance List or Right to Know Law.

SECTION 16: OTHER INFORMATION

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| Issue Date: | 1/04/2020 |
| Revision Date: | 2/15/2024 |
| Version #: | RCC-01-02 |

NFPA health record: 0 - This material poses no significant risk to health.
 NFPA fire hazard: 0 - Material that in itself is normally stable, even under fire exposure conditions, and is not reactive with water.
 NFPA reactivity: 0 - Material that in themselves are normally stable, even under fire conditions.
 HMIS Hazard Rating:
 Health: 0
 Flammability: 0
 Physical: 0



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| Disclaimer: | Notice to reader: Unless otherwise specified in section 1, IB Roof Systems products and ingredients listed herein are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection, or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children. |
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| Further Information: | <p>The information and recommendations presented herein were obtained from sources which we believe are reliable, and we believe that the information is complete and accurate as of the date issued. However, NO WARRANTY OR REPRESENTATION IS EXPRESSED OR IMPLIED THAT THE INFORMATION PROVIDED HEREIN IS ACCURATE, COMPLETE OR REPRESENTATIVE. We assume no responsibility for injury to the user, buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. We also assume no responsibility for injury to the user, buyer, the buyer's employees, or any third persons, caused by abnormal use of this product, even if reasonable safety procedures are followed. Since conditions for use of this product are not under the control of the manufacturer, it is ultimately the buyer's/user's duty to determine the conditions necessary for the safe storage, use and disposal of this product. It is also the buyer's/user's responsibility to ensure its activities, including without limitation the storage, use and disposal of this product, comply with all applicable federal, state, provincial or local laws and local good practices. Legal and regulatory requirements are subject to change and may differ between various locations, so it is the buyer's/user's responsibility to review all such laws, rules, or regulations. If you have obtained this Safety Data Sheet from any source other than IB Roof Systems or if you are not sure that the Safety Data Sheet you have is current, please contact us for the most current version.</p> |
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