

SAFETY DATA SHEET
PERMAPRIME ALL PURPOSE ROOF WASH




SECTION 1 IDENTIFICATION

Product Name PermaPrime All-Purpose Roof Wash
Product Identifier General Purpose Detergent/degreaser
Restrictions None
Manufacturer Performance Roof Systems
Address 4821 Chelsea Avenue
Kansas City, MO 64130
Phone Number (800) 727-9872
Emergency Number (800) 424-9300 (CHEMTREC)

SECTION 2 HAZARDS

GHS Classification Skin Irritation: Category 2
Eye Irritation: Category 2A

Hazard Pictographs 

Signal Word **WARNING**

Hazard Statements H315 - Causes skin irritation
H351 - Causes serious eye irritation

Precautionary Statements P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P362 - Take off contaminated clothing and wash before reuse
P264 - Wash hands, forearms and face thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P280 - Wear protective gloves/eye protection/face protection

Response P301+P330+P331 - If swallowed: Rinse mouth; Do Not induce vomiting
P303+P361+P353 - If on skin (or hair), Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340+P312 - If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338 - If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Response P332+P313 - If skin irritation or rash occurs: Get medical advice/ attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P370+P378 - In case of fire: Use carbon dioxide (CO₂), foam, dry extinguishing powder to extinguish

Storage P403+P235 - Store in well-ventilated place. Keep cool
P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

ABBREVIATION KEY

GHS = Global Harmonized System

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SECTION 3 COMPOSITION

Chemical Composition

COMPONENT	CAS NUMBER	PERCENT BY WEIGHT
D-Glucopyranose, oligomeric, C10-16 alkyl	110615-47-9	1 - 5
D-Glucopyranose, oligomeric, C8-10 alkyl	68515-73-1	2 - 10
xylenesulphonate (SXS)	1300-72-7	2 - 10
tetrasodium ethylenediaminetetraacetate	64-02-8	1 - 5
Alcohols, C9-11	68439-46-3	5 - 25
N,N-dimethyl 9-decenamide	1356964-77-6	1 - 10

Note: The above components and their percentages are provided for health and safety purposes, ONLY. This document should not be construed as a guaranteed analysis of any specific lot or as specifications for the product. Some product identifiers are withheld as a trade secret in accordance with 29 CFR 1910.1200.

SECTION 4 FIRST AID MEASURES

Eyes	Immediately flush with large amounts of potable water. Eye lids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.
Skin	Remove contaminated clothing and wash with soap and water.
Inhalation	Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, give oxygen. Get medical attention.
Ingestion	DO NOT induce vomiting unless directed to do so by a physician or poison control center. Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Keep respiratory tract clear. Get medical attention immediately.
Symptoms, Acute & Delayed	Refer to Section 11 - Toxicological Information
Immediate Medical Attention	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials

SECTION 5 FIRE FIGHTING MEASURES

Fire Hazard	Product is non-combustible
Hazardous Combustion	Carbon monoxide, carbon dioxide
Extinguishing Media	Water fog, carbon dioxide, dry powder or foam.
Protection Gear	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

ABBREVIATION KEY

NFPA = National Fire Protection Association

SCBA = Self contained breathing apparatus

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Non-emergency Personnel	No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. <i>Wear protective clothing as described in Section 8.</i> Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage.
Environmental Precautions	Avoid release into the environment. Report releases as required by local, state and federal authorities.
Methods and Material for Containment & Clean up	Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. For waste disposal, <i>see Section 13, Disposal Considerations.</i>

SECTION 7 HANDLING AND STORAGE

Handling	<i>Use personal protective equipment as described in Section 8.</i> Do not handle until all safety precautions have been read and understood. Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Do not mix with other chemicals. Observe good industrial hygiene practices.
Storage	Store away from incompatible materials (<i>see Section 10</i>). Store in accordance with local regulations. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by ACGIH, OSHA and NOISH.
Engineering Measures/ Controls	Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.
General Industrial Hygiene	Use good industrial hygiene practices in handling this material.
Environmental Exposure Controls	Follow best practice for site management and disposal of waste.

PERSONAL PROTECTIVE EQUIPMENT

Pictographs



Eyes/Face

Safety glasses with side shields

Follow the national guidelines concerning the use of protective eye wear.

Hand

Protective Gloves

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary

Skin/Body

Normal work clothing (long sleeved shirts, long pants and smooth bottom work shoes) is recommended.

Inhalation

In case of insufficient ventilation, wear suitable respiratory equipment

ABBREVIATION KEY

OSHA = Occupational Safety & Health Administration
 NIOSH = National Institute for Occupational Safety
 ACGIH = American Conference of Governmental Industrial Hygiene

PEL = Permissible Exposure Level
 TLV = Threshold Limit Value
 REL = Recommended exposure limit

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Light Amber
Odor	Slightly sweet
Odor Threshold	Not available
pH	9.7 (Concentrate, 9.2 (1:10 dilution))
Relative Evaporation Rate	Not available
Freezing Point	32°F
Boiling Point	212°F
Flash Point	none to boiling
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Flammability (solid, gas)	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific Gravity	1.09
VOC	< 20 g/L

SECTION 10 STABILITY AND REACTIVITY

Stability	Stable at room temperature in closed containers under advised storage and handling conditions.
Reactivity	No potentially hazardous reactions known
Incompatible Materials	Acids and strong oxidizers
Conditions to Avoid	Contact with incompatible materials. Do not mix with other chemicals.
Hazardous Decomposition	No potentially hazardous reactions known
Hazardous Polymerization	Will not occur

SECTION 11 TOXICOLOGICAL INFORMATION

Component Analysis

COMPONENT	CAS NUMBER	ORAL LD50 (mg/kg)	DERMAL LD50 (mg/kg)	INHALATION LC50 (mg/L)
xylenesulphonate (SXS)	1300-72-7	> 7,200 (rat)	> 2,000 (rabbit)	N/A
tetrasodium ethylenediaminetetraacetate	64-02-8	> 1,780 (rat)	N/A	> 1.5 (rat) 4 hour
Alcohols, C9-11	68439-46-3	>3,488 (rat)	>2000 (rabbit)	> 2 (rat) 4 hour
N,N-dimethyl 9-decenamide	1356964-77-6	>550 (rat)	>2000 (rabbit)	>3,551 (rat) 4 hour

POTENTIAL HEALTH EFFECTS

Eyes

Acute (Immediate) Symptoms may include stinging, tearing, redness, swelling and blurred vision.
Chronic (Delayed) Causes serious eye irritation

Skin

Acute (Immediate) Prolonged skin contact may cause cause redness and pain
Chronic (Delayed) Causes skin irritation

ABBREVIATION KEY

VOC = Volatile organic compound
 LC50 = Lethal concentration, 50 Percent

LD50 = Lethal dose, 50 percent

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SECTION 11 TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

Inhalation

Acute (Immediate)

Prolonged inhalation may cause irritation of the nose, throat, and lungs

Chronic (Delayed)

No adverse effects due to inhalation are expected

Ingestion

Acute (Immediate)

Gastrointestinal symptoms, including upset stomach

Chronic (Delayed)

Expected to be a low ingestion hazard

Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA

Teratogenicity

Based on available data, the classification criteria are not met.

Mutagenicity

Based on available data, the classification criteria are not met.

Aspiration Hazard

Based on available data, the classification criteria are not met.

STOT Single Exposure

Based on available data, the classification criteria are not met.

STOT Repeated Exposure

Based on available data, the classification criteria are not met.

SECTION 12 ECOLOGICAL INFORMATION

Eco toxicity

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.

Persistence and Degradability

Based on the biodegradability data of the components, this material is expected to be biodegradable.

Bioaccumulation Potential

This material does not contain chemicals that have known bioaccumulative potential

Soil Absorption/Mobility

No Data available

Ozone-Depletion Potential

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13 DISPOSAL CONSIDERATIONS

Product Waste

The transportation, storage, treatment and dispose of this waste must be conducted in accordance with all applicable federal, state and local regulations.

Packaging Waste

Empty containers should be taken to an approved waste handling site for recycling or disposal. Packaging that cannot be reused after cleaning must be disposed or recycled in accordance with all federal, national and local regulations.

SECTION 14 TRANSPORT INFORMATION

Transportation Regulations

This product is not regulated as a hazardous material in transportation.

ABBREVIATION KEY

IARC = International Agency for Research on Cancer
ACGIH = American Conference of Governmental Industrial Hygiene
LC50 = Lethal concentration, 50 Percent

NTP = National Toxicology Program
STOT = Specific Target Organ Toxicity
EC50 = Effective concentration, 50 Percent

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SECTION 15 REGULATORY INFORMATION

TSCA Inventory Components are listed
DSL Inventory Components are listed
Sara 313 This material does not contain any components with a section 304 EHS RQ
Sara 311/312 Categories Acute Health Hazard
CERCLA This material does not contain any components with a CERCLA RQ
Clean Air Act This product does not contain any hazardous air pollutants
CA Proposition 65 This product does not contain chemical known in the state of California to cause cancer, birth defects or reproductive harm.

Right to Know States

COMPONENT	CAS NUMBER	CA	MA	MN	NJ	PA	RI
D-Glucopyranose, oligomeric,C10-16 alkyl	110615-47-9	No	No	No	Yes	Yes	No
D-Glucopyranose, oligomeric,C8-10 alkyl	68515-73-1	No	No	No	Yes	Yes	No
xylenesulphonate (SXS)	1300-72-7	No	No	No	Yes	Yes	No
Alcohols, C9-11	68439-46-3	No	No	No	Yes	Yes	No
N,N-dimethyl 9-decenamide	1356964-77-6	No	No	No	Yes	No	No

SECTION 16 OTHER INFORMATION

Preparation Date April 2020
Revision Date March 2022
Summary of Changes Branding Update
Disclaimer The information and recommendations contained herein are to the best of Performance Roof Systems' knowledge and belief, accurate and reliable as of the date issued. Performance Roof Systems does not warrant or guarantee their accuracy or reliability, and Performance Roof Systems shall not be liable for any loss or damage arising out of the use thereof.
 The information and recommendations are offered for the users consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. It is also the users responsibility to make certain that it is relying upon the most recent, updated, information and recommendations available from Performance Roof Systems.

ABBREVIATION KEY

TSCA = Toxic Substances Control Act
 CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act,

DSL = Domestic Substances List (Canada)
 SARA = Superfund Amendments and Reauthorization Act