

# Safety Data Sheet

Issue Date: 01-Jan-2008

Revision Date: 21-Dec-2020

Version 2

## 1. IDENTIFICATION

### Product identifier

**Product Name** Peel Away 1

### Other means of identification

**SDS #** DCI-009R

**UN/ID No** UN1823

### Recommended use of the chemical and restrictions on use

**Recommended Use** Paint remover.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Dumond, Inc.  
253 S. Bailey Rd.  
Downingtown, PA 19335

### Emergency telephone number

**Company Phone Number** 1-609-655-7700  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** White paste

**Physical state** Paste

**Odor** None

### Classification

Skin corrosion/irritation	Category 1 Sub-category A
Serious eye damage/eye irritation	Category 1

### Signal Word

**Danger**

### Hazard statements

Causes severe skin burns and eye damage



### Precautionary Statements - Prevention

Do not breathe dusts or mists  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response

Immediately call a POISON CENTER or doctor  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a POISON CENTER or doctor  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower  
 Wash contaminated clothing before reuse  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 Immediately call a POISON CENTER or doctor  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Family** Alkaline.

Chemical name	CAS No	Weight-%
Calcium hydroxide	1305-62-0	20-30
Sodium hydroxide	1310-73-2	1-10
Starch	9005-25-8	1-10

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician immediately.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation occurs.
<b>Inhalation</b>	Remove to fresh air. Immediate medical attention is required.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. If conscious, give water or milk. Get medical attention if necessary.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	May cause severe chemical burns with reddening and pain. May cause dermatitis or irritation in some individuals upon prolonged contact. May cause irritation to the mucous membranes and upper respiratory tract. Ingestion may cause severe burns to mouth, throat or stomach.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically. Individuals with chronic respiratory or skin diseases may be at risk from exposure.
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### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

At elevated temperatures, containers may rupture. Contents are corrosive and all personal contact must be avoided.

#### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers with flooding quantities of water until well after fire is out.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required.

### **Environmental precautions**

**Environmental precautions** Do not allow into any sewer, on the ground or into any body of water. See Section 12 for additional Ecological Information.

### **Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal. Wash spill area with plenty of water. Spills and releases may have to be reported to Federal and/or local authorities. See section 15.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Do not eat, drink or smoke when using this product.

### **Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store in a cool, well ventilated area away from acids and other incompatible substances. Store locked up.

**Incompatible Materials** Acids. Organic halogen compounds. Nitromethane. Flammable liquid. Metals such as aluminum, tin, and zinc.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Exposure Guidelines**

<b>Chemical name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Calcium hydroxide 1305-62-0	TWA: 5 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> not in effect as a result of reconsideration	TWA: 5 mg/m <sup>3</sup>
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> (vacated) Ceiling: 2 mg/m <sup>3</sup>	IDLH: 10 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>
<b>Chemical name</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Starch 9005-25-8	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust

		dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	
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**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Use in a well-ventilated location (eg. local exhaust ventilation, fans). Showers. Eyewash stations.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Chemical safety goggles/faceshield. Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Wear suitable protective clothing. Rubber, neoprene, or other impervious gloves are recommended to prevent skin contact. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task. Reference Wiley's "Quick Selection Guide to Chemical Protective Clothing". Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas. For spray application, a NIOSH approved dust respirator and eye protection. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical state</b>	Paste	<b>Odor</b>	None
<b>Appearance</b>	White paste	<b>Odor Threshold</b>	Not determined
<b>Color</b>	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	12	
<b>Melting point / freezing point</b>	Not determined	
<b>Boiling point / boiling range</b>	> 100 °C / 212 °F	
<b>Flash point</b>	None	
<b>Evaporation Rate</b>	Same as water	
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	Not determined	
<b>Lower flammability or explosive limits</b>	Not determined	
<b>Vapor Pressure</b>	Same as water	
<b>Vapor Density</b>	Same as water	
<b>Relative Density</b>	Not determined	
<b>Water Solubility</b>	Completely soluble	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Autoignition temperature</b>	Not determined	
<b>Decomposition temperature</b>	Not determined	
<b>Kinematic viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

## 10. STABILITY AND REACTIVITY

**Reactivity**

Not reactive under normal conditions.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible materials**

Acids. Organic halogen compounds. Nitromethane. Flammable liquid. Metals such as aluminum, tin, and zinc.

**Hazardous decomposition products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

<b>Eye Contact</b>	Causes severe eye damage.
<b>Skin Contact</b>	Causes severe skin burns.
<b>Inhalation</b>	Avoid breathing vapors or mists. May cause irritation of respiratory tract.
<b>Ingestion</b>	May be harmful if swallowed.

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium hydroxide 1305-62-0	= 7340 mg/kg ( Rat )	-	-
Sodium hydroxide 1310-73-2	= 325 mg/kg ( Rat )	= 1350 mg/kg ( Rabbit )	-
Sodium carboxymethyl cellulose 9004-32-4	= 27000 mg/kg ( Rat )	> 2 g/kg ( Rabbit )	> 5800 mg/m <sup>3</sup> ( Rat ) 4 h
Sodium dodecyl benzene sulphonate 25155-30-0	= 438 mg/kg ( Rat )	-	-
Sodium carbonate 497-19-8	= 4090 mg/kg ( Rat )	-	-

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	May cause dermatitis or irritation in some individuals upon prolonged contact. May cause severe chemical burns with reddening and pain. May cause skin and eye irritation. May cause irritation to the mucous membranes and upper respiratory tract. May cause burns to mouth and gastrointestinal corrosion.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Carcinogenicity</b>	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	4,085.60 mg/kg
Dermal LD50	11,996.70 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

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.

**Component Information**

Chemical name	Algae/aquatic plants	Fish	Crustacea
Calcium hydroxide 1305-62-0		160: 96 h Gambusia affinis mg/L LC50 static	
Sodium hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static	
Sodium dodecyl benzene sulphonate 25155-30-0		10.8: 96 h Oncorhynchus mykiss mg/L LC50 static	

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

Chemical name	California Hazardous Waste Status
Calcium hydroxide 1305-62-0	Corrosive
Sodium hydroxide 1310-73-2	Toxic Corrosive

**14. TRANSPORT INFORMATION****Note**

Based on package size, product may be eligible for limited quantity exception.

**DOT**

**UN/ID No** UN1823  
**Proper Shipping Name** Sodium hydroxide, solid, mixture  
**Hazard class** 8  
**Packing Group** II

**IATA**

**UN number** UN1823  
**Proper Shipping Name** Sodium hydroxide, solid, mixture  
**Transport hazard class(es)** 8  
**Packing Group** II

**IMDG**

**UN number** UN1823  
**Proper Shipping Name** Sodium hydroxide, solid, mixture  
**Transport hazard class(es)** 8  
**Packing Group** II

## 15. REGULATORY INFORMATION

**International Inventories**

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Calcium hydroxide	X	ACTIVE	X	X	X	X	X	X	X
Sodium hydroxide	X	ACTIVE	X	X	X	X	X	X	X
Sodium carboxymethyl cellulose	X	ACTIVE	X		X	X	X	X	X
Starch	X	ACTIVE	X	X	X	X	X	X	X
Sodium dodecyl benzene sulphonate	X	ACTIVE	X	X	X	X	X	X	X
Sodium carbonate	X	ACTIVE	X	X	X	X	X	X	X

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations****CERCLA**

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hydroxide 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Sodium dodecyl benzene sulphonate 25155-30-0	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide	1000 lb			X

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Calcium hydroxide 1305-62-0	X	X	X
Sodium hydroxide 1310-73-2	X	X	X
Starch 9005-25-8		X	X
Sodium dodecyl benzene sulphonate 25155-30-0	X	X	X

<b>16. OTHER INFORMATION</b>
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**NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

3

**Flammability**

0

**Physical hazards**

0

**Personal Protection**

Not determined

**Issue Date:**

01-Jan-2008

**Revision Date:**

04-Dec-2018

**Revision Note:**

Updated formula

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**