



Safety Data Sheet
MACClearSky
SDS Revision Date: 05/11/2023

1. Identification

1.1. Product identifier

Product Identity MACClearSky
Alternate Names Greenhouse coating stripper

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use See Technical Data Sheet.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Mac Coatings
1106 WALKER ROAD
WINDSOR, ONTARIO
N8Y 2N7
Customer Service: Mac Coatings (519)-252-7275

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Met. Corr. 1; H290 May Be Corrosive to metals
Skin Irrit. 2; H315 Causes skin irritation.
Eye Irrit. 2; H319 Causes serious eye irritation.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Warning

H290 May be corrosive to metals.
H315 Causes skin irritation.

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H319 Causes serious eye irritation.

[Prevention]:

P234 Keep only in original packaging.

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P332+313 If skin irritation occurs: Get medical advice / attention.

P337+313 If eye irritation persists: Get medical advice / attention.

P362+P364 Take off contaminated clothing and wash before reuse.

P390 Absorb spillage to prevent material-damage

[Storage]:

P406 Store in a corrosion resistant container with a resistant inner liner.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium Hydroxide, caustic soda CAS Number: 1310-73-2	4-5	Skin Irrit. 1A;H314	

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

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4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Wash the skin with plenty of warm water and mild non-abrasive soap for at least 15 minutes. Do not use cold water. Remove contaminated clothes, wash clothing before reuse. If the irritation persists, repeat the washing procedure. Seek medical attention.
Ingestion	Do not induce vomiting! If conscious, give large quantities of water. Keep the victim warm and quiet. Seek immediate medical attention. Should vomiting occur, lean the victim over to reduce the risk of aspiration.

4.2. Most important symptoms and effects, both acute and delayed

Overview	Effects of overexposure: Acute: Eyes-may cause severe irritation, redness, tearing, blurred vision. Skin/skin absorption- Prolonged or repeated contact can cause irritation. Defatting, dermatitis. Breathing-excessive inhalation of vapors can cause nasal and Respiratory irritation. Swallowing-can cause gastrointestinal, irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal.
Inhalation	May cause drowsiness or dizziness. May cause respiratory irritation.
Eyes	Causes serious eye irritation.
Skin	Causes skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Dry chemical, Foam, Water fog, Carbon Dioxide.
Do not use: water jet,

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon Oxides

5.3. Advice for fire-fighters

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Wear self-contained breathing apparatus and complete protective clothing (overalls, boots, goggles, etc.) and safety equipment. Evacuate area and fight fire from a safe distance.

Material will not burn until all water has been evaporated off. May boil vigorously or spatter if temperature exceeds boiling point.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Oxides

EXPLOSION DATA:

- SENSITIVITY TO MECHANICAL IMPACT: Not Sensitive
- SENSITIVITY TO STATIC CHARGE: Not Sensitive

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Product may cause floors to become slippery.

6.3. Methods and material for containment and cleaning up

Avoid prolonged breathing of vapor when performing any clean up of spills. Ventilate the area. Absorb the spill by using an inert material (sand, earth, vermiculate, etc.). Transfer the absorbed material into a waste container. Use water to clean up affected area.

Wear a NIOSH/OSHA approved organic vapor canister respirator. Wear protective clothing such as safety eyewear, overalls, impervious boots, and chemical resistant gloves.

7. Handling and storage

7.1. Precautions for safe handling

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Avoid contact with: Caustics, Acids, Oxidizers.

Store in a cool, dry, well-ventilated area.

See section 2 for further details. - [Storage]:

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7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
1310-73-2	Sodium Hydroxide, caustic soda	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

8.2. Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

Chemical splash goggles are advised. (Consult your safety equipment supplier). Contact lenses should not be worn.

Skin

Wear resistant gloves such as: polyvinyl alcohol, viton. Other protective equipment: To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Avoid repeated or prolonged contact with the skin. If rags are used with this product as a cleaning purpose, discard them into a water filled container after use. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance

Liquid

Odor

Distinct

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Odor threshold	Not determined
pH	12.5 -13
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	Not Measured
Flash Point	Not Measured
Evaporation rate (Ether = 1)	(X) Slower Than N-BUTYL ACETATE
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: NA Upper Explosive Limit: NA
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	1.030
Solubility in Water	Soluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Applicable
Decomposition temperature	Not Measured
Density (lbs/USgal)	8.58
9.2. Other information	No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Avoid contact with strong oxidizing agents, Strong acids, Halogenated Hydrocarbons, Nitrogen compounds.

10.6. Hazardous decomposition products

Carbon Oxides.

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11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Sodium Hydroxide, caustic soda - (1310-73-2)	No data available	No data available	No data available	No data available	No data available

Carcinogen Data

CAS No.	Ingredient	Source	Value
1310-73-2	Sodium Hydroxide, caustic soda	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

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12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium Hydroxide, caustic soda - (1310-73-2)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

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14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1824	UN1824	UN1824
14.2. UN proper shipping name	UN1824(Sodium Hydroxide solution)	UN1824(Sodium Hydroxide solution)	UN1824
14.3. Transport hazard class(es)	DOT Hazard Class:8	IMDG: Not Regulated Sub Class: Not Applicable	Air Class: Not Regulated
14.4. Packing group	III	III	Not Regulated
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): No
EPCRA 311/312 Chemicals and RQs (lbs):	Sodium Hydroxide
EPCRA 302 Extremely Hazardous:	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
EPCRA 313 Toxic Chemicals:	Sodium Hydroxide
Proposition 65 - Carcinogens (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

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Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Sodium Hydroxide

Pennsylvania RTK Substances (>1%):

Sodium Hydroxide

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H290 May Be corrosive to metals.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

The information contained herein is furnished without warranty of any kind. The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

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