

Safety Data Sheet

Date Of Issue: 1 MARCH 2021

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Nuron Organics Ltd
Organic Number 5421

Other Names: Sodium Hypochlorite + or – 1%

USE: MOULD/GREEN SLIME Removal

ADDRESS: UNIT3 4087C GT NORTH RD
KELSTON
0212079616

Emergency Telephone Numbers: NATIONAL POISON CENTRE 0800 764 766
POLICE, FIRE, AMBULANCE 111

2.HAZARDOUS IDENTIFICATIONS:

EMERGENCY OVERVIEW

EPA New Zealand Approval Code: Cleaning Products (subsidiary hazard) – HSR002530

Group Standard

Refer to www.epa.govt.nz for Controls for this substance.

Hazard Statements

H302 Harmful if swallowed.

H313 May be harmful in contact with skin.

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

H332 Can be harmful if inhaled.

H433 Harmful to terrestrial vertebrates.

Prevention Statements

P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors/indoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves and protective eye/face protection.

Response Statements

P101 If medical advice is needed, have product container or label at hand.

P301 + P312 IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

P330 Rinse mouth.

P332 + P313 If skin irritation occurs: Get medical advice.

P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTRE or 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.

P337 + P313 If eye irritation persists: Get medical advice.

P370 + P378 In case of fire: Use water fog or mist.

P403 + P235 Store in well-ventilated place. Keep cool.

Disposal Statement

P501 Dispose of product to a landfill in accordance with any local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name

	<u>CAS.No</u>	<u>%w/w</u>
Sodium Hypochlorite	7681-52-9	+/- 1%
Blended Surfactants	Proprietary	1.5

4.FIRST AID MEASURES

Consult the National Poisons Centre, telephone 0800 764 766 [0800 POISON] or a doctor in every case of suspected poisoning. If medical advice is needed, have product container or label at hand.

INGESTION: Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Call a Poison Centre or doctor for advice. Get medical assistance if person feels unwell.

INHALATION: Move person to fresh air and keep warm and at rest. Call a Poison Centre or doctor for advice. If breathing is difficult, give oxygen.

SKIN: Remove all contaminated clothing and footwear. Wash affected area with plenty of water followed by soap and water. Get medical advice if irritation persists. Wash contaminated clothing/footwear before re-use.

EYES: Hold eyes open and rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do after the first 5 minutes. Continue rinsing for at least 15 minutes. Get medical attention if irritation persists.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLASH POINT: N/A

FLAMMABLE LIMITS: LFL: Not known UFL: Not known

EXTINGUISHING MEDIA: Use dry chemical powder, water spray.

FIRE & EXPLOSION HAZARDS: Toxic gases and vapors may be generated; carbon monoxide, carbon dioxide.

SPECIFIC HAZARDS: No information available.

FIRE-FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and personal protection clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: For large spills (more than a drum), recover liquid and transfer by mechanical means to labeled salvage tank that can be sealed for recovery or disposal of product. Allow residues to evaporate. Water can be used to disperse vapors and to clean spill area although prevent water from entering sewers or drains. Remove any contaminated soil and dispose of safely by waste management company. For small spills, absorb with an appropriate material, e.g. vermiculite, and dispose of waste safely in a labeled sealed container for recovery or disposal. If contamination of drains, sewers or waterways occurs immediately notify Emergency Services (111).

DISPOSAL: Dispose of contaminated waste or product to an approved landfill in accordance with local regulations.

7. HANDLING AND STORAGE

HANDLING: Read label before use. Use only in well-ventilated areas. Avoid breathing vapors or direct contact with product. Wear personal protective equipment.

Remove ignition sources. Avoid sparks. No Smoking. Use only in well-ventilated area. Keep container closed when not in use. Wear personal protective equipment to prevent breathing of and contact with product. Wear gloves and protect eyes from splashes. Wash hands and exposed skin after handling.

STORAGE: Ensure all storage areas have adequate fire-fighting equipment. Store in closed original container in a secure cool dry well-ventilated place, away from sunlight, ignition sources, heat, incompatible substances (combustibles, oxidizing agents, strong bases), out of reach of children, and away from food, drink and animal foodstuffs. All equipment must be grounded/bonded when transferring product to avoid static discharge. Suitable packaging/storage materials are steel, stainless steel, nickel, polyethylene, polypropylene and glass. Do not use aluminum.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use only in a well-ventilated area. If airborne concentrations unknown or exceed exposure limits, wear respiratory protective equipment. A gas filter for gases/vapors of organic compounds (boiling point >65 °C) is suitable. Where air-filtering respirators are unsuitable (e.g. air-borne concentrations are high, risk or oxygen deficiency, confined space) use positive pressure breathing apparatus.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Wear impervious protective clothing including safety shoes or boots. Wear appropriate chemical resistant gloves, e.g. butyl rubber. Avoid contact with eyes. Wear face shield or chemical goggles if splash or aerosol/mist exposure risk. Refer to the relevant AS/NZ standards for appropriate personal protective equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear, colourless
Odour:	Pleasant, sweet odour
Boiling point (°C):	N/A
Flash point (°C):	N/A
Flammability limits in air (%v/v):	unknown
Auto ignition temperature (°C):	N/A
Vapour pressure (hPa at 25 °C):	N/A

Density at 200 C, g/cc:	N/A
Solubility in water:	Completely soluble with water
pH:	7 – 7.3
Vapour density (air =1):	unknown
Evaporation rate (nBuAc =1):	unknown

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): All metals.

INCOMPATIBILITY (MATERIALS TO AVOID): All metals

HAZARDOUS POLYMERIZATION: Not known to occur.

11. TOXICOLOGICAL INFORMATION

No specific data is available for this product.

Toxicological data has been evaluated/calculated for the mixture. The product is considered to have the following potential health effects:

Contact with the skin may result in mild irritation.

Supporting Data – N/A

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE: This product has been classified as not being ecotoxic in the aquatic environment but is harmful terrestrial vertebrates. However do NOT discharge to sewer or any waterway.

MOVEMENT AND PARTITIONING: Product is soluble in water.

DEGRADATION AND PERSISTENCE: Not expected to bio accumulate significantly and is readily biodegradable. Product is mobile in soil and may contaminate groundwater. In soil, estimated half life is 7 days to 4 weeks. Estimated half-life in ground water ranges from 14 days to 8 weeks. Avoid contamination of drains and waterways. Estimated photo degradation half-life in air is 16 to 27.5 hours.

13. DISPOSAL CONSIDERATIONS

Recover and recycle (e.g. re-distillation) product whenever possible. Dispose of waste in accordance with Regional Authority or local council bylaws. Options may include incineration. Ensure empty containers are vented and dry. Residues may cause an explosion hazard.

14. TRANSPORT REGULATIONS

This product is classified as a NON- Dangerous Goods Class 3, packing group II. Please consult the Land Transport Rule: Non-Dangerous Goods 2005, and NZS 5433:2012 Transport of Non-Dangerous Goods on Land for information.

TRANSPORT INFORMATION:

UN Number: -
PROPER SHIPPING NAME: Sodium Hypochlorite +/- 1%
Class: -
Sub risk: -
Packing Group: -
HAZCHEM: -
Marine Pollutant: No

No 15. REGULATORY INFORMATION

Classified as hazardous under the HSNO Act 1996 according to criteria of Minimum Degrees of Hazard (Threshold) Regulations, 2001. EPA New Zealand Approval Code: Group Standard Refer to Section 2 for hazardous classifications and to www.epa.govt.nz for Controls and Conditions.

16. OTHER INFORMATION

ISSUE DATE: 12 /3/2020
REPLACES: Not applicable
REASONS FOR ISSUE: NZ Format SDS

ABBREVIATIONS:

CAS No. Chemical Abstracts Service Number
EPA Environmental Risk Management Authority
HSNO Hazardous Substances & New Organisms
STEL Short Term Exposure Limit
TWA Time Weighted Average
WES Workplace Exposure Standard

REFERENCES: Chemical Classification and Information database; www.epa.govt.nz

Before using any product, read its label carefully and ensure that you understand its contents. This information is, to the best of our knowledge and belief, accurate and reliable at the date of publication. The information relates only to the specific material designated and may not be valid for such material if it is used in combination with any other material(s) disclaims: any liability for loss or damage suffered from the use of this information. This does not affect your statutory rights. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for his/her own particular use.

END of SAFETY DATA SHEET