

CLEENOL
For every job

SAFETY DATA SHEET NOVA STARBRITE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name NOVA STARBRITE
Internal identification BN1040
Container size 2x5L

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

Identified uses Floor polish stripper.

1.3. Details of the supplier of the safety data sheet

Supplier Cleenol Group Ltd
Neville House
Beaumont Road
Banbury
Oxon OX16 1RB
UK
Tel: +44 (0)1295 251721
sales@cleenol.co.uk

1.4. Emergency telephone number

Emergency telephone In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318
Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger
Hazard statements H314 Causes severe skin burns and eye damage.

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| Precautionary statements | <p>P260 Do not breathe vapour/ spray.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> |
| Contains | SODIUM METASILICATE, 2-AMINOETHANOL, POTASSIUM HYDROXIDE |
| Supplementary precautionary statements | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> |

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|---|--------------|
| SODIUM METASILICATE | 5-10% |
| CAS number: 10213-79-3 EC number: 229-912-9 REACH registration number: 01-2119449811-37-XXXX | |
| Classification Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 | |
| 2-AMINOETHANOL | 5-10% |
| CAS number: 141-43-5 EC number: 205-483-3 REACH registration number: 01-2119486455-28-XXXX | |
| Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 | |
| SODIUM XYLENE SULPHONATE | 1-5% |
| CAS number: 1300-72-7 EC number: 215-090-9 REACH registration number: 01-2119513350-56-0001 | |
| Classification Eye Irrit. 2 - H319 | |

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| POTASSIUM HYDROXIDE | | 1-5% |
| CAS number: 1310-58-3 | EC number: 215-181-3 | REACH registration number: 01-2119487136-33-XXXX |
| Classification | | |
| Met. Corr. 1 - H290 | | |
| Acute Tox. 4 - H302 | | |
| Skin Corr. 1A - H314 | | |
| Eye Dam. 1 - H318 | | |
| TRISODIUM NITRILOTRIACETATE (NTA) | | <1% |
| CAS number: 5064-31-3 | EC number: 225-768-6 | REACH registration number: 01-2119519239-36-XXXX |
| Classification | | |
| Acute Tox. 4 - H302 | | |
| Eye Irrit. 2 - H319 | | |
| Carc. 2 - H351 | | |

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|--|
| Inhalation | Unlikely route of exposure as the product does not contain volatile substances. |
| Ingestion | Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Keep affected person under observation. Get medical attention if a large quantity has been ingested. Get medical attention if symptoms are severe or persist. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists after washing. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention. |

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

| | |
|---------------------|---|
| Inhalation | The product is considered to be a low hazard under normal conditions of use. |
| Ingestion | Corrosive. May cause severe internal injury. May cause chemical burns in mouth, oesophagus and stomach. |
| Skin contact | May be harmful in contact with skin. |
| Eye contact | Causes serious eye damage. |

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|-----------------------------|------------------------------|
| Notes for the doctor | No specific recommendations. |
| Specific treatments | Treat symptomatically. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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Unsuitable extinguishing media None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards Corrosive gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes and clothing. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautions The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions For professional users only. Avoid breathing spray. Avoid contact with skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container.

Storage class Chemical storage. Corrosive storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

2-AMINOETHANOL

Long-term exposure limit (8-hour TWA): WEL 3 ppm 7.6 mg/m³

Short-term exposure limit (15-minute): WEL 6 ppm 15 mg/m³

POTASSIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

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SODIUM METASILICATE (CAS: 10213-79-3)

| | |
|-------------|---|
| DNEL | Workers - Dermal; Long term : 1.49 mg/kg/day Workers - Inhalation; Long term : 6.22 mg/m ³ Consumer - Dermal; Long term : 0.74 mg/kg/day Consumer - Inhalation; Long term : 1.55 mg/m ³ Consumer - Oral; Long term : 0.74 mg/kg/day |
| PNEC | Fresh water; 7.5 mg/l marine water; 1 mg/l Water, Intermittent release; 7.5 mg/l STP; 1000 mg/l |

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

No specific ventilation requirements.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. Wear protective gloves made of the following material: Nitrile rubber. Rubber (natural, latex). Wear protective gauntlets made of the following material: Polyvinyl chloride (PVC). To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

Wear appropriate clothing to prevent skin contamination.

Hygiene measures

Wash contaminated skin thoroughly after handling.

Respiratory protection

No specific requirements are anticipated under normal conditions of use. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------------------------|
| Appearance | Clear liquid. |
| Colour | Turquoise. |
| Odour | Aromatic. |
| pH | pH (concentrated solution): ~ 13.7 |
| Initial boiling point and range | ~ 100°C |
| Flash point | Not applicable. |
| Relative density | ~ 1.08 @ 20°C |
| Solubility(ies) | Miscible with water. |
| Auto-ignition temperature | Not applicable. |
| Decomposition Temperature | Not determined. |

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| | |
|----------------------------------|---|
| Viscosity | Non-viscous. |
| Explosive properties | Not considered to be explosive. |
| Oxidising properties | Does not meet the criteria for classification as oxidising. |
| 9.2. Other information | |
| Refractive index | 18 - 22 |
| Volatile organic compound | See SECTION 3: Composition/information on ingredients. |

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity May react with: Acids.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions The following materials may react strongly with the product: Strong mineral acids.

10.4. Conditions to avoid

Conditions to avoid No specific requirements are anticipated under normal conditions of use.

10.5. Incompatible materials

Materials to avoid Acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components and of similar products.

Acute toxicity - oral

ATE oral (mg/kg) 7,042.25

Acute toxicity - dermal

ATE dermal (mg/kg) 20,370.37

Acute toxicity - inhalation

ATE inhalation (gases ppm) 83,333.33

ATE inhalation (vapours mg/l) 203.7

ATE inhalation (dusts/mists mg/l) 27.78

Skin corrosion/irritation

Skin corrosion/irritation May cause serious chemical burns to the skin.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

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Medical considerations Pre-existing eye problems.

SECTION 12: Ecological information

Ecotoxicity The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility The product is miscible with water and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1760

UN No. (IMDG) 1760

UN No. (ICAO) 1760

UN No. (ADN) 1760

14.2. UN proper shipping name

Proper shipping name (ADR/RID) CORROSIVE LIQUID, N.O.S. (DISODIUM METASILICATE, 2-AMINOETHANOL)

Proper shipping name (IMDG) CORROSIVE LIQUID, N.O.S. (DISODIUM METASILICATE, 2-AMINOETHANOL)

Proper shipping name (ICAO) CORROSIVE LIQUID, N.O.S. (DISODIUM METASILICATE, 2-AMINOETHANOL)

Proper shipping name (ADN) CORROSIVE LIQUID, N.O.S. (DISODIUM METASILICATE, 2-AMINOETHANOL)

14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID classification code C9

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| | |
|---------------------|---|
| ADR/RID label | 8 |
| IMDG class | 8 |
| ICAO class/division | 8 |
| ADN class | 8 |

Transport labels



14.4. Packing group

| | |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group | III |
| ICAO packing group | III |
| ADN packing group | III |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

| | |
|--|----------|
| EmS | F-A, S-B |
| ADR transport category | 3 |
| Emergency Action Code | 2X |
| Hazard Identification Number (ADR/RID) | 80 |
| Tunnel restriction code | (E) |

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

| | |
|----------------|--|
| EU legislation | <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</p> <p>Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).</p> |
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Guidance EH40/2005 Workplace exposure limits
Containing the list of workplace exposure limits for use with the Control of Substances
Hazardous to Health Regulations 2002 (as amended)
Health and Safety Executive

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

SECTION 16: Other information

| | |
|----------------------------------|--|
| Issued by | Regulatory Chemist |
| Revision date | 19/02/2021 |
| Revision | 10 |
| Supersedes date | 08/10/2020 |
| SDS number | 10140 |
| Hazard statements in full | H290 May be corrosive to metals. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. |

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