

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 31.05.2024

Version number 1

Revision: 31.05.2024

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** NovaClean**Product Code(s):** NC1-G, NC1-Q, NC1-5G**1.2 Relevant identified uses of the substance or mixture and uses advised against****Technical function** Detergent. Floor cleaning, Wall Cleaning, Surface and Window cleaning**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**Micronova Manufacturing  
3431 West Lomita Boulevard

Torrance, CA, 90505, USA

Tel: +1 (310)784-6990

Fax: +1 (310)784-6980

Email: dleonard@micronova-mfg.com

www.micronova-mfg.com

**1.4 Emergency telephone number(s):**

CHEMTREC Ireland: +353 1 901 4670

Ireland - National Poisons Information Centre: 01 837 9964 or 01 809 2566 (healthcare professionals only).

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

This product is not classified as hazardous according to Regulation (EC) No 1272/2008.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008:** Not applicable.**Hazard pictograms:** Not applicable.**Signal word:** Not applicable.**Hazard statements:** Not applicable.**Labelling requirements in accordance with Article 11 / Annex VII A of Regulation (EC) No 648/2004 on detergents**

Contains: &lt;5% non-ionic surfactants

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****Description:** Mixture.**Hazardous components:** Not applicable.**Non-hazardous components:**

CAS: 7732-18-5	water	50-100%
EINECS: 231-791-2		

**Additional information:** For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****After inhalation:** Move patient to fresh air, if symptoms persist consult a doctor.**After skin contact:** Generally the product does not irritate the skin.**After eye contact:** Rinse opened eye for several minutes under running water.

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No further relevant information available.

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

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:** Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam.**5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

**5.3 Advice for firefighters****Protective equipment:** No special measures required.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures** Not required.**6.2 Environmental precautions** No special measures required.**6.3 Methods and material for containment and cleaning up**

Dispose of the material collected according to official regulations.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

No special measures required.

No special precautions are necessary if used correctly.

**Information about fire - and explosion protection:** No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** None.**7.3 Specific end use(s):** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****Individual protection measures, such as personal protective equipment****Respiratory protection:** Not required.**Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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Due to missing tests no recommendation to the glove material can be given for the product/the preparation/ the chemical mixture.

Select the glove material based on a consideration of the penetration times, rates of diffusion and the degradation.

**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:**

The exact break through time must be determined by the manufacturer of the protective gloves.

**Eye/face protection** Goggles recommended during refilling

**Body protection:** Protective work clothing.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information**

<b>Physical state</b>	Fluid
<b>Colour:</b>	Clear.
<b>Odour:</b>	
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	0 °C
<b>Boiling point or initial boiling point and boiling range</b>	99 °C
<b>Flammability</b>	Not determined.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not determined.
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH at 20 °C</b>	7-9
<b>VOC (EC):</b>	
<b>Dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>Water:</b>	Not determined.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure at 20 °C:</b>	23 hPa
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1 g/cm <sup>3</sup>
<b>Relative density at 20 °C</b>	1.025
<b>Vapour density</b>	0.62

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Liquid.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Softening point/range</b>	
<b>Oxidising properties</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Not applicable.
<b>Flammable gases</b>	Not applicable.
<b>Aerosols</b>	Not applicable.
<b>Oxidising gases</b>	Not applicable.

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<b>Gases under pressure</b>	Not applicable.
<b>Flammable liquids</b>	Not applicable.
<b>Flammable solids</b>	Not applicable.
<b>Self-reactive substances and mixtures</b>	Not applicable.
<b>Pyrophoric liquids</b>	Not applicable.
<b>Pyrophoric solids</b>	Not applicable.
<b>Self-heating substances and mixtures</b>	Not applicable.
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Not applicable.
<b>Oxidising liquids</b>	Not applicable.
<b>Oxidising solids</b>	Not applicable.
<b>Organic peroxides</b>	Not applicable.
<b>Corrosive to metals</b>	Not applicable.
<b>Desensitised explosives</b>	Not applicable.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

No further relevant information available.

**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials** No further relevant information available.**10.6 Hazardous decomposition products** No further relevant information available.**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values:** No further relevant information available.**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.**Carcinogenicity:** Based on available data, the classification criteria are not met.**Reproductive toxicity:** 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.**Aspiration hazard:** Based on available data, the classification criteria are not met.**11.2 Information on other hazards****11.2.1 Endocrine disrupting properties**

None of the ingredients are listed.

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability**Proprietary Surfactant: according to OECD 301B (after 28 days >60% ThCO<sub>2</sub>), the surfactant is READY BIODEGRADABLE

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**Trade name:** NovaClean**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects****Additional environmental information:****General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): Slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Uncleaned packaging:****Recommendation:**

Disposal must be made in accordance with official regulations.

Packaging that may not be cleansed must be disposed of in the same manner as the product.

**SECTION 14: Transport information****14.1 UN number or ID number**

ADR, IMDG, IATA

Not applicable.

**14.2 UN proper shipping name**

ADR, IMDG, IATA

Not applicable.

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA

Class

Not applicable.

**14.4 Packing group**

ADR, IMDG, IATA

Not applicable.

**14.5 Environmental hazards**

Not applicable.

**14.6 Special precautions for user**

Not applicable.

**14.7 Maritime transport in bulk according to  
IMO instruments**

Not applicable.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients are listed.

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients are listed.

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**Trade name:** NovaClean**REGULATION (EU) 2019/1148****Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients are listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients are listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients are listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients are listed.

**15.2 Chemical safety assessment** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Date of previous version:** 08.09.2023**Abbreviations and acronyms:**

WEL: Workplace Exposure Limits

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent