

MATERIAL SAFETY DATA SHEET

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

1.1. Product identifier

Steel wool soap pad

Product number: -

UFI: N300-00EW-H00T-HTS4

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

A cleaning tool with extremely strong scrubbing power, primarily for consumer use, but also for industrial or professional use. It can be used in kitchens, pastry shops, bakeries, hotels, etc. The advantage is that it can be used without the use of additional additives (degreaser, detergent).

1.3. Details of the supplier of the safety data sheet

Supplier **Bonus Kft.**
7800 Siklós, Ipartelepi út 2.
Tel.: +36 75 351 555

Responsible person: info@bonus-hungary.com

1.4. Emergency telephone number:

Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ)
1097 Budapest, Nagyvárad tér 2.
Tel.: +36 1 476 6464, +36 80 201 199
e-mail: ettsz@nngyk.gov.hu

SECTION 2 :Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Skin irritation, category 2, H315 (Skin Irrit. 2)

Eye irritation, category 2, H319 (Eye Irrit. 2)

For the full text of H-statements mentioned in this Section: see Section 16.

2.2. Label elements

Hazard Pictograms:



Signal word:

Warning

Hazard statements:

H315 – Causes skin irritation.
 H319 – Causes serious eye irritation.

Precautionary statements:

P101 – If medical advice is needed, have product container or label at hand.
 P102 – Keep out of reach of children.
 P264 – Wash hands thoroughly after handling.
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.
 P302 + P352 – IF ON SKIN: Wash with plenty of water.
 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/ attention.
 P501 – Dispose of contents / container in accordance with local regulations.

Supplemental hazard information:

Ingredients according to Regulation 648/2004/EC on detergents:15-30% soap

Substances contributing of hazard identification:

Fatty acids, tallow, sodium salts

2.3. Other hazards:

The mixture has no other known health or environmental effects.
 See PBT and vPvB assesment results in section 12.5.
 Endocrine disrupting properties : see sections 11.2. and 12.6.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Component	CAS-No.	EC-No.	Index-No.	REACH-No.	Concentration [%]	Classification according to Regulation (EC) No. 1272/2008 [CLP]	H-statements	Special concentration limits/M-factor/ATE
Fatty acids, tallow, sodium salts	8052-48-0	232-491-4	-	-	5-15	Eye Irrit. 2 Skin Irrit. 2 STOT SE	H319 H315 H335	-
Fatty acids, coco, sodium salts	61789-31-9	263-050-4	-	-	<5	Eye Irrit. 2 Skin Irrit. 2	H319 H315	-
Sodium xylenesulphonate	1300-72-7	215-090-9	-	01-211951 3350-56-XXXX	<5	Eye Irrit. 2	H319	-

sodium nitrite	7632-00 -0	231-555-9	007-01 0-00-4	01- 211947 1836- 27-XXXX	<5	Ox. Sol. 3 Acute Tox. 3 Aquatic Acute 1	H272 H301 H400	-
----------------	---------------	-----------	------------------	-----------------------------------	----	--	----------------------	---

For the full text of H-statements mentioned in this Section: see Section 16.

The product does not contain Substances of Very High Concern (SVHC).

SECTION 4 : First aid measures

4.1. Description of first aid measures:

GENERAL INFORMATION:

In case of accident or feeling sick immediately consult a physician. Show this safety data sheet or the product label to the doctor in attendance! Symptoms of poisoning may appear after exposure, so in case of doubt or persistent complaint, consult a doctor and show the safety data sheet.

FOLLOWING INGESTION:

Do not induce vomiting.

In case of vomiting, lower the victim's head to avoid aspiration.

Place the injured person in a comfortable position.

Rinse the mouth with water.

FOLLOWING INHALATION:

The product is not classified as dangerous by inhalation.

In case of complaint, take the victim to fresh air and place him in a comfortable position.

In case of persistent complaints, consult a doctor.

FOLLOWING SKIN CONTACT

Remove contaminated clothing and footwear.

Clean the skin with plenty of neutral soapy cold water/take a shower.

In severe cases, consult a doctor.

In the event of a burn or frostbite, do not remove clothing, as it may worsen the injury if it sticks to the skin.

In case of blistering, do not pop the blisters, as this increases the risk of infection.

FOLLOWING EYE CONTACT:

Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. (for at least a quarter of an hour).

The eyes should not be rubbed or closed.

Remove contact lenses if they are not stuck to in the eye - if they are stuck in the eye, do not attempt to remove them as this may cause further injury.

Consult a doctor as soon as possible and show the safety data sheet.

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

See sections 2 and 11.

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

No special care is required, treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media:

Suitable extinguishing media: Use fire extinguishing methods suitable to surrounding conditions. The product is not flammable under normal handling and storage conditions. In case of fire caused by improper use or storage, use polyvalent extinguishing powders (ABC powder) in accordance with the relevant fire protection regulations.

Unsuitable extinguishing media: The use of tap water is not recommended.

5.2. Special hazards arising from the substance or mixture:

In the event of fire, reactive combustion products are produced, which can become highly toxic, so inhalation of fumes can seriously damage health.

5.3. Advice for firefighters

Depending on the conditions fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Follow the in-house emergency plan

SECTION 6 : Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Only trained personnel who are familiar with the necessary tasks and wearing appropriate personal protective equipment may be present at the scene of the accident.

6.1.2. For emergency personnel

Stop the leak if it can be done without personal risk. Wear appropriate personal protective equipment (Section 8).

See sections 7 and 8.

6.2. Environmental precautions

The product that has reached the environment and the generated waste must be treated in accordance with the applicable environmental regulations. The product and waste from it must be prevented from entering living water, soil and public sewers. If an event involving environmental pollution has occurred, the competent authority must be notified immediately.

6.3. Methods and material for containment and cleaning up:

Recommendation: The spilled mixture must be soaked up with an absorbent material (e.g. sand) or the metal pads must be picked up mechanically, then the collected waste must be stored in a suitable waste container in a safe place until professional removal/disposal. Do not use sawdust or other flammable materials.

6.4. Reference to other sections

See sections 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety practice. Keep the container and packaging hermetically sealed.

Handle and dispose of released product and product residue safely (Section 6). Avoid exposure of the product to the open air.

Do not eat or drink while using the product.

After using the product, wash your hands with a suitable detergent.

Have absorbent material available near the product to deal with spills (Section 6).

Technical measures: No special instructions.

Advice on protection against fire and explosion: The product is not flammable under normal handling and storage conditions. Recommendation: transfer at low speed to avoid electrostatic charging.

7.2. Conditions for safe storage, including any incompatibilities:

Conditions for safe storage:

Maximum storage temperature: < 60 °C

Keep away from heat, radiation, static electricity and food. Incompatible materials: see section 10.5.

Type of material used for packaging/storage: no special requirements..

7.3. Specific end use(s)

See Section 1.

SECTION 8 : Exposure controls/personal protection

8.1. Control parameters:

There are no exposure limits for any of the components according to Hungarian regulations (5/2020. (II. 6.) ITM rendelet) and there are no international limit values for any of the components (GESTIS).

DNEL

Sodium xylenesulphonate CAS:1300-72-7

Worker, inhalation, long-term, systemic effect: 53.9 mg/m³

Worker, inhalation, long-term, local effect: 2 mg/m³

Worker, dermal, long-lasting, systemic effect: 7.6 mg/kg

User, inhalation, long-term, systemic effect: 13.2 mg/m³

User, inhalation, long-lasting, local effect: 2 mg/m³

User, dermal, long-lasting, systemic effect: 3.8 mg/kg

User, oral, long-lasting, systemic effect: 3.8 mg/kg

PNEC values

Sodium xylenesulphonate CAS:1300-72-7

Environmental compartment	PNEC
Fresh water	0,23 mg/l
Fresh water sediment	-
Marine water	-
Marine water sediment	-
Food chain	-
Microorganisms in sewage treatment	100 mg/l
Soil (agriculture)	-
Intermittent release	2,3 mg/l

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values). European Standard EN 14042 (Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents). European Standard EN 482 (Workplace exposure).

General requirements for the performance of procedures for the measurement of chemical agents).

Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

- 8.2. Exposure controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Caution is necessary to prevent skin contact, eye contact, cloth contact and spilling into the floor.

5/2020. (II. 6.) ITM decree on the protection of the health and safety of workers exposed to chemical pathogenic factors, pursuant to Section 11(2) in the case of hazardous substances not regulated by limit values, the employer is obliged to reduce the level of exposure to the lowest level expected according to scientific and technical standards , at which level, according to the current state of science, the dangerous substance has no health-damaging effect. When using in an open system, use local exhaust where possible. If local extraction is not possible or is insufficient, adequate ventilation of the work area must be ensured.

General protective and hygienic measures

Handle in accordance with good industrial hygiene and safety practice.

As a preventive measure, it is recommended to use CE-marked personal protective equipment in accordance with Directive 89/686/EC. For further information (storage, use, cleaning, maintenance, protection class) see the manufacturer's data and section 7.1.

Appropriate engineering controls

Adequate care is required during work to avoid spillage of the mixture on the floor, clothing, skin or eyes.

Individual protection measures, such as personal protective equipment:



a) eye/face protection
no special instructions.

b) skin protection

- i. hand protection: category I protective gloves must be used according to the regulations (EN 374, EN 420). Note: In case of signs of damage, the gloves must be replaced. In case of prolonged exposure III. category gloves are recommended.

- ii. other: body protection: no special instructions.

c) respiratory protection

In the event of mist formation or exceeding the exposure limit values, a respirator that complies with the regulations should be used.

d) thermal hazards
 Not known.

Environmental exposure controls

In accordance with the relevant environmental protection regulations, avoid the product/container from entering the environment. See Section 7 for more information.

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided above, is based upon intended, normal usage. If there is different than normal usage of the material it is advised to consult a safety specialist about the type of personal protective equipment and other actions that should be taken.

SECTION 9 : Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Properties		Method of determination	Notation
Appaerance	solid, steel wool		
Color	metallic grey/pink		
Odor	soapy smell		
Odor threshold	Not available*		
Melting point/freezing point	Not available*		
Initial boiling point and boiling range	100 – 476 °C		
Falmmability	not flammable		
Upper/lower flammability or explosive limits	Not available*		
Flash point	(> 60 °C)		
Auto-ignition temperature	Not available*		
Decomposition temperature	Not available*		
pH	Not available*		
Kinematic viscosity	Not applicable		
Solubility	soluble in water		
Partition coefficient: n-octanol/water	Not available*		
Vapor pressure	Not applicable		
Density and/or relative density	Not available*		
Relative vapor density	Not available*		
Particle characteristics	Not available*		

*: The manufacturer has not carried out tests for this parameter in relation to the product, or the results of the tests are not available at the time the data sheet is issued.

9.2. Other information

9.2.1. Information with regard to physical hazard classes
Not classified based on the available information. Not explosive.

9.2.2. Other safety characteristics
VOC: 0.03% by weight (2010/75/EU)
Average number of carbon atoms: 9
Average molecular weight: 148.25 g/mol.

SECTION 10 : Stability and reactivity

10.1. Reactivity
If the technical instructions for the handling and storage of chemicals are followed, no dangerous reaction is expected. See section 7.

10.2. Chemical stability
It is stable at normal temperature and under general working conditions.

10.3. Possibility of hazardous reactions
When used as intended, a dangerous reaction resulting in an increase in temperature is not expected. See also section 10.5.

10.4. Conditions to avoid
Not known.

10.5. Incompatible materials
Strong acids, flammable substances, strong bases.

10.6. Hazardous decomposition products
Depending on the conditions of decomposition, complex mixtures of chemical substances can be formed: carbon dioxide, carbon monoxide, other organic compounds.

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.

Component	CAS	Exposure route	Method	Dose	Species	Remark
Fatty acids, tallow, sodium salts	8052-48-0	inhalation	LC50	> 5 mg/l	-	4 h
Fatty acids, tallow, sodium salts	8052-48-0	dermal	LD50	> 2000 mg/kg	-	-
Fatty acids, tallow, sodium salts	8052-48-0	oral	LD50	> 2000 mg/kg	-	-

Component	CAS	Exposure route	Method	Dose	Species	Remark
Fatty acids, coco, sodium salts	61789-31-9	dermal	LD50	> 2000 mg/kg	-	-
Fatty acids, coco, sodium salts	61789-31-9	oral	LD50	> 2000 mg/kg	-	-
Sodium xylenesulphonate	1300-72-7	inhalation	LC50	> 5 mg/l	-	4 h
Sodium xylenesulphonate	1300-72-7	dermal	LD50	> 2000 mg/kg	-	-
Sodium xylenesulphonate	1300-72-7	oral	LD50	7200 mg/kg	-	-
sodium nitrite	7632-00-0	inhalation	LC50	> 5 mg/l	-	4 h
sodium nitrite	7632-00-0	dermal	LD50	> 2000 mg/kg	-	-
sodium nitrite	7632-00-0	oral	LD50	850 mg/kg	-	-

Skin corrosion / irritation:

Causes skin irritation.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitization:

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.

Relevant toxicological data:

No information available.

Information on likely routes of exposure:

Ingestion, inhalation, skin contact, eye contact.

Symptoms related to the physical, chemical and toxicological characteristics:

- Skin contact: Causes skin inflammation.
- Eye contact: Causes eye damage.
- Inhalation: No specific information available.

- Ingestion: Ingestion of significant amounts may cause throat irritation, stomach pain, nausea and vomiting.
- Other: No information available.

Delayed and immediate effects as well as chronic effects from short and long term exposure:

Causes skin irritation.

Causes serious eye irritation.

Interactive effects:

No information available.

Absence of specific data:

No information available.

Mixtures:

No information available.

Mixture versus substance information:

No information available.

11.2 Information on other hazards

Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other information

No information available.

SECTION 12: Ecological information

Do not allow product to reach surface water, waterways or soil.

12.1. Toxicity

No information available about the product.

Ingredients:

sodium nitrite (CAS: 7632-00-0):

LC50 (fish): 0,1-1 mg/l/96 h; EC50 (crustacea): 0,1-1 mg/l; EC50 (algae): 0,1-1 mg/l

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

12.6. Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

No information available.

SECTION 13 : Disposal considerations

13.1. Waste treatment methods

Product disposal:

Dispose of contents in accordance with local/regional/national/international regulations.
Do not let it enter into drains. See Section 6.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

Packaging disposal:

Dispose of container in accordance with local/regional/national/international regulations. The cleaned packaging should not be treated as hazardous waste. Uncleaned packaging should be disposed of as the product itself.

Physical, chemical properties, which could influence waste management:

No information available.

Sewage disposal-relevant information:

No information available.

SECTION 14 : Transport information

Product is not classified as a dangerous good for transport.

ADR/RID

14.1 UN number or ID number: -

14.2 UN proper shipping name: -

14.3 Transport Hazard Class(es): -

14.4 Packing group: -

14.5 Environmental hazards: -

14.6 Special precautions for user: -

ADN

14.1 UN number or ID number: -

14.2 UN proper shipping name: -

14.3 Transport Hazard Class(es): -

14.4 Packing group: -

14.5 Environmental hazards: -

14.6 Special precautions for user: -

IMDG

14.1 UN number or ID number: -

14.2 UN proper shipping name: -

14.3 Transport Hazard Class(es): -

14.4 Packing group: -

14.5 Environmental hazards: -

14.6 Special precautions for user:-

ICAO-TI/IATA-DGR

14.1 UN number or ID number: -

14.2 UN proper shipping name: -

14.3 Transport Hazard Class(es): -

14.4 Packing group: -

14.5 Environmental hazards: -

14.6 Special precautions for user: -

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:

EU Regulations:

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) No 348/2013 of 17 April 2013 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance)

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents and its amendments

It does not contain any substance that falls under the scope of Regulation (EU) 2024/590 OF THE European Parliament and of the Council of 7 February 2024 on substances that deplete the ozone layer, and repealing Regulation (EC) No 1005/2009.

It does not contain any substance that falls under the scope of Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals

It does not contain any ingredients that are subject to XVII Annex of the European Parliament and Council Regulation 1907/2006/EC and is therefore subject to restrictions

15.2. Chemical safety assesment:

For this product, the supplier did not carry out a chemical safety assessment according to EU REACH Regulation 1907/2006.

SECTION 16: Other information

Identification of changes

v2.0 Revision and harmonization of the data sheet in accordance with applicable international legislation.

Abbreviations and acronyms:

ATE: Acute toxicity estimate PBT: persistent, bioaccumulative and toxic. vPvB: very persistent, very bioaccumulative. LD50 lethal dose, LC50 Lethal concentration. EC50 Effective concentration. EWC: European Waste Catalog. IARC: International Agency for Research on Cancer. RTECS: Registry of Toxic Effects of Chemical Substances. VOC: Volatile Organic Carbon. PNEC: Predicted no effect concentration. AGYH: Lower Inflammatory Limit. FGYH: Upper Flammability Limit. ARH: lower explosion limit. FRH: Upper explosion limit. STOT: Specific Target Organ Toxicity. LDLo Lethal dose, low. IC50: Inhibitory concentration. SVHC: Substances of very high concern. NOAEL: No-observed-adverse-effect level. LOAEL: Lowest-observed-adverse-effect level

For the compilation of the safety data sheet, we used the data of the registration dossier.

Methods used for classification according to Regulation (EC) 1272/2008:

Skin irritation, category 2 - H315 Based on calculation procedure

Eye irritation, category 2 - H319 Based on calculation procedure

Full text of H-statements from section 2 and 3:

H272 – May intensify fire; oxidiser..

H301 – Toxic if swallowed.

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

H335 – May cause respiratory irritation.

H400 – Very toxic to aquatic life.

Precautionary statements:

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

P102 – Keep out of reach of children.

P264 – Wash hands thoroughly after handling.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 – IF ON SKIN: Wash with plenty of water.

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/ attention.

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

Further training advices:

Minimal training is required to prevent industrial risk to personnel using the product and to ensure that personnel understand the information on the safety data sheet and label.

Recommended restrictions on use:

No information available.

This Safety Data Sheet was prepared on the basis of documentation provided by the manufacturer and complies with the requirements of Regulation (EC) No. 878/2020