

Safety Data Sheet



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NF-light® (Neurofilament light) ELISA

UD51001

Single components with dangerous ingredients:

27008 Stop Solution

Not listed single components contains no hazardous substances in concentrations to be declared, a labelling is not required.

Distributed by: IBL International GmbH
Flughafenstrasse 52a
22335 Hamburg, Germany

Material Safety Data Sheet (MSDS)

v. 2019-08

Single component with dangerous ingredients:

STOP Stop reagent (article 27008)

Not listed single components contains no hazardous substances in concentrations to be declared, a labelling is not required.

1 – Identification of the substance/mixture and of the company/undertaking

Product Name Stop reagent

Article No: 27008

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

No further relevant information available.

Application of the substance/the preparation:

Laboratory reagent/Immunoassay

The product is intended for professional use.

Company: UmanDiagnostics AB
Tvistevagen 48C
907 36 Umea
Sweden

Technical phone: +46 90 777 880

E-mail: info@umandiagnosics.com

Emergency phone: 112 (Europe)

2 – Hazards Identification

Classification of the substance or mixture



H315 Causes skin irritation.

H319 Causes serious eye irritation.

Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms GHS07

Signal word Warning

Hazard statements

H315 Causes skin irritation

H319 Causes serious eye irritation

Precautionary statements

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

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

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

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable



3 – Composition/Information of ingredients

Chemical characterization: Mixtures Preparation

Description:

Stop Reagent contains sulfuric acid.

Mixture consisting of the following dangerous components:

Component	Ingredient	Concentration	CAS	EC	Classification Ingredient
Stop reagent	Sulfuric acid	5-10%	7664-93-9	231-639-5	 H314
					 C R35

Additional information For the wording of the listed risk phrases refer to section 16.

4 – First aid measures

Description of first aid measures

General information Immediately remove any clothing soiled by the product.

After inhalation In case of unconsciousness place patient stably in side position for transportation.

After skin contact Immediately wash with water and soap and rinse thoroughly.

After eye contact Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing wash mouth with water. Drink plenty of water. If symptoms persist consult doctor.

Information for doctor

Most important symptoms and effects both acute and delayed No further relevant information available.

5 – Fire-fighting measures

Recommended fire extinguishing media

Water, dry powder or vaporizing liquids (e.g. CO₂) depending on the surrounding materials and equipment.

Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required

6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures Wear protective clothing.

Environmental precautions:

Dilute with plenty of water. Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Adsorb with liquid-binding material.

Ensure adequate ventilation.

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.

7 – Handling and storage

Handling

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire and explosion protection: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage

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: Keep receptacle tightly sealed.

Specific end use(s) No further relevant information available.

8 – Exposure controls/personal protection

Additional information about technical facilities: No further data; see item 7.

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: No additional information available.

Exposure controls

Personal protective equipment

General protective and hygienic measures

Immediately remove contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with eyes and skin.

Respiratory protection:

Not necessary if the room is well-ventilated.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:



Gloves required

Material of gloves

The quality of the protective gloves must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

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

Eye protection:



Eye protection required

Use tightly sealed laboratory goggles.

Body protection: Lab coat.

9 – Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid
Color:	Colorless
Odor:	Odorless
Odor threshold:	ND
pH-value at 20°C	1
Melting point/range	ND
Boiling point/range	ND
Flash point	NA
Flammability	NA
Ignition temperature:	
Decomposition temperature:	ND
Self-igniting	Product is not selfigniting

Explosion limits

Lower	ND
Upper	ND
Vapor pressure:	ND
Density at 20°C	1.08 g/cm ³
Relative density	ND
Vapor density	ND
Evaporation rate	ND
Solubility in/Miscibility with water	Fully miscible
Partition coefficient (n-octanol/water)	ND
Viscosity dynamic	ND
kinematic	ND
Other information	No further relevant information available.

10 – Stability and reactivity

Reactivity No further relevant information available.

Chemical stability

Thermal decomposition/conditions to be avoided No decomposition if used according to the specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials No further relevant information available.

Hazardous decomposition products No dangerous decomposition product known.

11 – Toxicological information

Information on toxicological effects

Acute toxicity Based on the available data, the classification criteria are not met.

Primary irritant effect:

on the skin Irritant to skin and mucous membranes.

on the eye Causes serious eye irritation.

Sensitization No sensitizing effects known.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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.

12 – Ecological information

Toxicity

Aquatic toxicity No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information

General notes

Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT Not applicable.

vPvB Not applicable

13 – Disposal considerations

Waste treatment methods

Recommendations

Small remains: dispose with plenty of water

Larger amounts should be collected and afterwards neutralized or disposed like other dangerous goods.

Waste treatment methods

Recommendation Dispose of waste according to applicable local, state, and federal regulations.

European waste catalogue:

06 00 00 WASTES FROM INORGANIC CHEMICAL PROCESSES

06 01 00 wastes from the manufacture, formulation, supply and use (MFSU) of acids

06 01 01* sulphuric acid and sulphurous acid

Uncleaned packaging:

Recommendation: Completely emptied packages can be recycled. Dispose of packaging according to applicable local, state, and federal regulations.

Recommended cleansing agents: Water, if necessary, together with cleansing agents.

14 – Transport information

UN-Number ADR, ADN, IMDG, IATA	Void
UN proper shipping name ADR, ADN, IMDG, IATA	Void
Transport hazard class(es) ADR, ADN, IMDG, IATA · Class	Void
Packing group ADR, IMDG, IATA	Void
Environmental hazards: Marine pollutant:	No
Special precautions for user	Not applicable
Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
Transport/Additional information:	This product is part of a kit. Information in this section refers to the kit as a whole.
UN "Model Regulation":	ohne

15 – Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms GHS07

Signal word Warning

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Directive 2012/18/EU · Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

National regulations

Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 – Other information

The information given in this document is believed to be correct as of the date hereof and provided without warranty of any kind. The recipient of this product is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

Relevant phrases

H314 Causes severe skin burns and eye damage.

R35 Causes severe burns.