

SAFETY DATA SHEET HERO FRESH

Date production version 1: 23.1.2015

Date update of version 2: 1.6.2015

Date production version 3: 1.9.2019

Version 3

security sheet in accordance with content regulation _ security list - Fig . RS Gazette 100/11

CHAPTER 1. Identification of the chemical and data on the person who puts the chemical into circulation

SUBCHAPTER 1.1

Chemical identification

Trade name: Hero Fresh

Product number: 8606101726010

Chemical registration number: 004600010000

SUBCHAPTER 1.2.

Identified use of the chemical and uses that are not recommended

Recommended application: Washing and deodorizing hard washable surfaces

Not recommended use:

SUBCHAPTER 1 3

Supplier data

Manufacturer and distributor:

Hero Indjija

Boška Buhe 14, 22320 Indjija

Phone/Fax: 022/558-652

[office @ hero.co.rs](mailto:office@hero.co.rs)

www.hero.co.rs

SUBCHAPTER 1 4

Emergency phone number

- Manufacturer: Hero, +381 022/558-652, 558-682 (from 7 a.m. to 3 p.m.),
- Center For control poisoning Military medical academy Number central offices +381 011/2661122, 2662755, +381 011/360 8440 (24 hours available)

SUBCHAPTER 2. Hazard identification

SUBCHAPTER 2.1 Classification chemicals

Classification in accordance with the Rulebook on the Classification, Packaging, Labeling and Advertising of Chemicals and Certain Products in accordance with the Globally Harmonized System for Classification and Labeling of the UN ("Official Gazette of the RS", no. 105/13, 52/17 and 21/19)

Severe eye damage/eye irritation 1 N318

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Complete text listed N- mark listed in Chapter 16

SUBCHAPTER 2.2 Marking elements

Labeling in accordance with the Rulebook on the Classification, Packaging, Labeling and Advertising of Chemicals and Certain Products in accordance with the Globally Harmonized System for Classification and Labeling of the UN ("Official Gazette of RS", no. 105/13, 52/17 and 21/19)

Pictogram



GHS05

Word warnings : Danger

Hazard notices : _

H318 Leads to heavy damage eye

Notices of measures precautions :

P101 If medical advice is needed, take the product packaging or label with you

R102 Keep out of reach of children

P301+ P310 IF SWALLOWED: Call a POISON CONTROL CENTER/PHYSICIAN immediately.

P305+P351+P338 IF IT GET IN THE EYES: Rinse carefully with water for several minutes. Remove contact lenses, if present and if possible. Continue rinsing.

R501 Dispose of contents/packaging in accordance with national regulations

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Contains < 5% anionic surfactant ,

Contains smell (orange oil Brazil) . Can Yes challenges allergic reaction .

Contains sodium laurel sulfate

SUBCHAPTER 2.3. Other dangers

The product does not contain components identified as PBT or vPvB

CHAPTER 3. COMPOSITION/INFORMATION ON THE INGREDIENTS

SUBCHAPTER 3.1. Data on the ingredients of the substance :

it is not a substance

SUBCHAPTER 3.2. Data on the ingredients of the mixture:

Hazardous components

Chemical name	CAS number	EC number	Classification ²	Maseni share %
Alcohols, S12-14-ethoxylated, sulfates, sodium salt	68891 - 38 - 3	500-223-8	Skin irritation 2 H315 Eye patch 1 H318	≤5
Ethanol	200-578-6	64-17-5	App. current . 2 H225	1.5

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²Classification in accordance with the Rulebook on the Classification, Packaging, Labeling and Advertising of Chemicals and Certain Products in accordance with the Globally Harmonized System for Classification and Labeling of the UN ("Official Gazette of the RS", no. 105/13, 52/17 and 21/19)

Competent text H- mark listed are in chapter 16

CHAPTER 4 . FIRST AID MEASURES

SUBCHAPTER 4.1. Description of first aid measures

General information:

Change clothes and shoes contaminated or soaked with the product.

In all cases of doubt, seek medical advice.

Eye contact:

In case of contact with the eyes, immediately rinse with plenty of water and ask for help medical assistance . Do not use any medication before consulting a doctor.

Skin contact:

In case of skin contact, immediately rinse with plenty of clean water, remove contaminated (soaked) clothing, if severe skin irritation occurs, consult a doctor.

After inhalation:

Take the injured person to fresh air. Provide him with oxygen. Do not give mouth-to-mouth artificial respiration. Seek medical attention immediately.

Ingestion:

Rinse your mouth and throat with clean water. Do not induce vomiting, drink plenty of water. In case of nausea, consult a doctor.

SUBCHAPTER 4.2. The most significant symptoms and effects, acute and coated

Not specified

SUBCHAPTER 4.3. Emergency medical assistance and special treatment

Treat symptomatically

CHAPTER 5 . FIRE EXTINGUISHING MEASURES

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SUBCHAPTER 5.1. Funds for extinguishing fires

Alcohol-resistant foam, water spray, CO₂, extinguishing powder.

Unsuitable extinguishing media fire :

Not specified.

SUBCHAPTER 5.2. Special hazards that may arise from substances and mixtures :

The fire should be extinguished by a trained person (firefighter). In case of fire or increased temperature, there may be an increase in pressure and explosion of the container.

Take regular measures against fire, no special fire protection is required.

The product is not flammable.

SUBCHAPTER 5.3. Advice for firefighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

CHAPTER 6 . MEASURES IN CASE OF AN ACCIDENT

SUBCHAPTER 6.1. Personal precautions, protective equipment and procedures in the event of an accident:

Personal precautions:

In accordance with chapter 8 of this safety data sheet relating to

Information for personal protection. Provide adequate ventilation. Do not inhale fumes. Avoid contact with skin, eyes and clothing. There is a risk of slipping in case of leakage or spillage of the product.

SUBCHAPTER 6.2. Precautions related to the environment:

Prevent spillage into waterways, soil and sewerage: dispose of in a place regulated by law for waste disposal

SUBCHAPTER 6.3. Measures to be taken and material for prevention

Extensions and rehabilitation:

In case of product spillage, wash the affected area with plenty of water.

SUBCHAPTER 6.4. Reference to other chapters:

Use of personal protective equipment see chapter 8

Waste disposal see chapter 13

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CHAPTER 7 . HANDLING AND STORAGE

SUBCHAPTER 7.1. Precautions for safe handling

Read the label carefully.

Provide sufficiently good ventilation of the space.

Avoid contact with skin and eyes. Use skin protection cream.

Wash your hands after using the product.

Do not eat, drink or smoke in the work area. Remove contaminated clothing before entering the eating area.

SUBCHAPTER 7.2. Conditions for safe storage, including incompatibility:

Store in well-closed original packaging in a cool place. Keep away from food, beverages and animal feed. Store in a dark and cool place, out of the reach of children, in the original packaging.

SUBCHAPTER 7.3. Special ways of use:

Does not have

CHAPTER 8 . Exposure control and personal protection

SUBCHAPTER 8.1, Exposure control parameters:

Limitation of exposure:

does not have

SUBCHAPTER 8.2. Exposure control and personal protection:

Eye/face protection:

They are not necessary for regular use of the product,

Skin protection:

Hand skin:

Impermeable gloves, resistant to chemicals

After each wash, wash your hands in clean water, people with sensitive or damaged skin should strictly follow the instructions for use and avoid prolonged contact with the washing solution.

Body skin:

Work clothes

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Respiratory protection:

They are not necessary for regular use of the product.

Thermal hazard protection:

No data

CHAPTER 9 . Physical and chemical properties

SUBCHAPTER 9.1.

Data on the basic physical and chemical properties of the chemical

a) Appearance and color of the chemical as it is marketed:	Homogeneous, red liquid
b) Smell:	Pleasant smell
c) Threshold there is no smell	determined
g) pH :	6-9
d) Melting/freezing point	No data
f) Initial boiling point and boiling range :	No data.
e) Flash point :	No data
h) evaporation rate	No data
z) Stickiness (solid, gaseous) :	No data.
i) Upper/lower limit of flammability or explosiveness :	No data.
j) Steam pressure :	No data
k) Vapor density:	No data
l) Relative density:	No data
l) Solubility :	Soluble in water and alcohol
m) Partition coefficient in the n -octanol/water system :	No data.
n) Auto-ignition temperature :	No data
nj) Viscosity:	No data
p) Explosive Properties :	None data
r) Oxidizing properties :	No data

SUBCHAPTER 9.2. Other data

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Miscibility : not available

Conductivity : no available

Solubility in oil : no available

Oxidoreductive potential : it is not available

CHAPTER 10 . REACTIVITY AND STABILITY

SUBCHAPTER 10.1. Reactivity

Stable under recommended transport and storage conditions

SUBCHAPTER 10.2. Chemical stability

Stable under regular conditions of storage and use

SUBCHAPTER 10.3. Possibility of dangerous reactions

No data

SUBCHAPTER 10.4. Conditions to avoid

No data

SUBCHAPTER 10.5. Incompatible materials

Do not mix with oxidants and chlorine-based products

SUBCHAPTER 10.6. Hazardous decomposition products

No data

CHAPTER 11 . TOXICOLOGICAL DATA

SUBCHAPTER 11.1. Data on toxic effects

a) * Acute toxicity

Ethanol

LD50 Oral 7060 mg/kg

LC50 inhalation 20000ppm; presentation time 10h

b) Skin corrosion/irritation

criteria for classification are not met

v) Severe eye damage/eye irritation:

Leads to heavy damage eye

g) Sensitization of respiratory organs or skin:

criteria for classification are not met

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d) Mutagenicity of germ cells

criteria for classification are not met

f) Carcinogenicity:

criteria for classification are not met

e) Reproductive toxicity

criteria for classification are not met

h) Specific toxicity for the target organ - single exposure

criteria for classification are not met

z) Specific toxicity for the target organ - repeated exposure

criteria for classification are not met

i) Aspiration hazard

criteria for classification are not met

*data taken from the ECHA (European Chemicals agency) website

CHAPTER 12. ECOTOXICOLOGICAL DATA

SUBCHAPTER 12.1. Toxicity

does not have data

SUBCHAPTER 12.2. Persistence and degradability

The product is biodegradable, breaks down easily and does not pose a danger to water courses and the environment within the given instructions.

SUBCHAPTER 12.3. Bioaccumulation potential

does not have data

SUBCHAPTER 12.4. Mobility in land

does not have data

SUBCHAPTER 12.5. Results of PBT i vPvB

The product does not contain components identified as PBT or vPvB

SUBCHAPTER 12.6. Other adverse effects

does not have data

CHAPTER 13. DISPOSAL

SUBCHAPTER 13.1. Waste treatment methods

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Waste disposal:

Removal must be in accordance with the Law on Waste Management ("Official Gazette of RS", number 36/09 and 88/10, 14/16 , 95/18).

Unused remaining product does not constitute hazardous waste and should be treated in accordance with positive waste disposal regulations.

Used packaging and packaging is municipal packaging waste and should be treated in accordance with the Law on Packaging and Packaging Waste ("Official Gazette of RS", number 36/09). Packaging for recycling - non-returnable bottle.

Before disposal or recycling, empty the packaging and rinse with water.

CHAPTER 14 . DATA ON TRANSPORTATION

SUBCHAPTER 14.1. UN number

does not have

SUBCHAPTER 14.2. UN name for cargo in transport

does not have

SUBCHAPTER 14.3. Transport hazard class

does not have

SUBCHAPTER 14.4. Packaging group

does not have

SUBCHAPTER 14.5. Danger to the environment

does not have

SUBCHAPTER 14.6. Special precautions for the user

no data

SUBCHAPTER 14.7. Transport in bulk

no data

CHAPTER 15 . REGULATORY DATA

SUBCHAPTER 15.1. Safety, Health and Environmental Regulations

Law on Chemicals " Official Gazette of the RS no . 36/09, 88/10, 92/11 , 93/12 and 25/15

Rulebook on the content of the " Official Gazette of the RS " Safety Bulletin no . 100/11

Rulebook on the list of classified substances " Official Gazette of RS " no . 22/20

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Maximum permissible concentration of harmful gases, vapors and aerosols in the atmosphere of work rooms and workplaces SRPS Z. BO.001/1991 and SRPS Z BO.001/1; in 2007

Rulebook on detergents (, , Official RS Gazette No. __ 25/15)

Surfactant fulfills criterion complete aerobic biodegradability given in the Rulebook on detergents (, , Official gaznik RS", no . 25/15). the data which one this confirm will be available authorities authorities and deliver se on the their own a request or on the a request manufacturer detergents

SUBCHAPTER 15.2. Chemical safety assessments:

Pen assessment chemical safety it's not conducted

CHAPTER 16. ON PERMANENT DATA

Changes and additions:

With this latest edition of the Safety Data Sheet, all previous editions are no longer valid.

List of Abbreviations and Acronyms:

CAS Chemical Abstract Service - No chemical compounds and some mixture

EC European commission number Identification Number substances in the EU

PBT Persistent , bioaccumulative and toxic

vPvB Very much so persistent and very bioaccumulative

LC50 Lethal Concentration - Lethal concentration , concentration chemicals which kills 50% tested population

Used the data For product are from literature

Literature:

Safety data sheets for components

ECHA (European Chemicals agency) website

List security notices _ from chapters 2 and 3

H- marks

H225: Highly flammable liquid and vapor

H226: Flammable liquid and vapor

H302: Harmful if swallowed

H304 May cause death if swallowed and enters airways

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H315: Causes skin irritation

H317 May cause allergic skin reactions

H318: Causes serious eye damage

H319: Causes severe eye irritation

H332 Harmful if inhaled

H400: Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

Information in Security list are based on the basis ours current ones knowledge and subject are with changes , yes Yes not represent For all specific characteristics products and not determine there were what kind of legally valid contractual relationship