

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

Product identifier:

***Trade Name:** STEEL WOOL SOAP PADS

***Article number:** N/A

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

Application of the substance/mixture: for clean kitchens

Details of the supplier of the safety data sheet:

HUBEI RIGHTWAY STEEL WOOL INC.

Huangzhou Industrial Zone, Hubei Province, China

E-mail: rightway2-1@steelwool.cn

Emergency telephone number

Tel: 86-27-85575355 Fax: 86-27-85575466

2. Hazards Identification

Classification of the substance or mixture

***Classification according to Regulation (EC) No 1272/2008**

H302: Harmful if swallowed

H315: Causes skin irritation

H319: Causes serious eye irritation

***Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



***Classification system:**

Classification was done according Annex VI of directive (EU) No. 1272/2008. Classification were done according Part II, sub-section 33.2.1 and 33.4.1, of the UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria.

***Label elements**

***Labelling according to Regulation (EC) No 1272/2008**

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

***Hazard pictograms**

Not applicable

***Signal word:** Warning

Printing Date: Sep. 28, 2015

Revision: Sep. 28, 2015

Trade name: STEEL WOOL SOAP PADS

***Hazard statements**

H302: Harmful if swallowed

H315: Causes skin irritation

H319: Causes serious eye irritation

***Precautionary statements**

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313: IF SKIN irritation occurs: Get medical advice/attention.

P264: Wash hands thoroughly after handling.

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.

***Information concerning particular hazards for human and environment: None**

***Other hazards:** N/A






***Results of PBT and vPvB assessment**

***PBT:** Not applicable

***vPvB:** Not applicable

3. Composition/information on ingredients

Chemical characterization

Chemical Name	CAS No.	Classification	EC No.	Weight (%)
Sodium Palmate	61790-79-2	N/A	263-162-3	69.10
Sodium Palm Kernelate / Sodium Cocoate	61789-89-7 / 61789-31-9	N/A	263-097-0 / 263-050-4	17.30
Palmitic acid	57-10-3	 Skin Irrit. 2 H315; Eye Irrit. 2 H319	200-312-9	0.50
Sodium Chloride	7647-14-5;	 Eye Irrit. 2 H319	231-598-3	0.50
Glycerin	56-81-5;	 Skin Irrit. 2 H315; Eye Irrit. 2 H319	200-289-5	0.50
Tetrasodium-EDTA	64-02-8;	 Eye Dam. 1 H318; Acute Tox. 4 H332	200-573-9	0.05
Tetrasodium Etidronate	3794-83-0;	 Skin Irrit. 2 H315; Eye Irrit. 2 H319	223-267-7	0.05
Water	7732-18-5	N/A	231-791-2	12.00

Trade name: STEEL WOOL SOAP PADS

4. First Aid Measures

- ***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. Then consult a doctor.
 - ***After swallowing:** If symptoms persist consult doctor
- Most important symptoms and effects, both acute and delayed:** No further relevant information available

5. Firefighting Measures

- ***Extinguishing media**
- ***Suitable extinguishing agents:**
CO2 powder or water spray.
- ***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:**
Not required.
- ***Environmental precautions:**
Do not allow product to reach sewage system or any water course.
- ***Methods and material for containment and cleaning up:**
Pick up mechanically.
- ***Reference to other sections**
See Section 1 for information on emergency telephone number.
See Section 4 for information on first aid measures.
See Section 5 for information on firefighting measures.
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:**
Wash hands after work and before break.
 - ***Information about fire - and explosion protection:**
No special measures required.
- ***Conditions for safe storage, including any incompatibilities:**
 - ***Storage:**
Store in a cool and dry place. Store away from oxidizing agents. Do not store together with acids and alkalis.

Trade name: STEEL WOOL SOAP PADS

***Further information about storage conditions:**

None.

8. Exposure Controls / Personal Protection***Additional information about design of technical facilities:** No further data; see item 7.***Control parameters***** Ingredients with limit values that require monitoring at the workplace:** Not required.***DNELs** No data***PNECs** No data***Additional information:** None.***Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Respiratory protection

Not required.

Protection of hands:

Protective gloves

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

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

Selection of the glove material on 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 has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Not required.

9. Physical and Chemical Properties**General Information****Form:** Solid**Color:** Colorful**Odor:** Odorless**Change in condition****Melting point/Melting range:** ~250°C

Printing Date: Sep. 28, 2015

Revision: Sep. 28, 2015

Trade name: STEEL WOOL SOAP PADS

Boiling point/Boiling range: Not available

Flash point: Not available

Flammability (solid, gaseous): Non-flammable

Ignition temperature: Not available

Auto igniting: Not available

Danger of explosion: Not available

Explosion limits:

Lower: Not available

Upper: Not available

Oxidizing properties Not available

Density: Not available

Relative density: Not available

Vapour density: Not available

Evaporation rate: Not available

Solubility in / Miscibility with

Water: Can soluble in water

pH-value: Not available

10. Chemical Stability and Reactivity Information

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

Materials to be avoided: Strong oxidizing agents, strong acid and strong base

Dangerous reactions: No dangerous reactions known.

Dangerous products of decomposition: No dangerous decomposition products known

11. Toxicological Information

***Information on toxicological effects**

***Acute toxicity:**

***Primary irritant effect:**

***on the skin:** No Irritant

***on the eye:** Irritant effect.

***Sensitization:** No sensitizing effects known.

***Subacute to chronic toxicity:** No effects known.

***Additional toxicological information:** None.

12. Ecological Information

***Toxicity**

***Aquatic toxicity:** this product is not classified ecotoxic according Ann. VI of directive 1272/2008.

***Persistence and degradability** No further relevant information available.

***Behaviour in environmental systems:**

***Bioaccumulative potential** No further relevant information available.

Printing Date: Sep. 28, 2015

Revision: Sep. 28, 2015

Trade name: STEEL WOOL SOAP PADS

***Mobility in soil** No further relevant information available.

***Additional ecological information:**

***General notes:** Generally not hazardous for water

***Results of PBT and vPvB assessment**

***PBT:** Not applicable.

***vPvB:** Not applicable.

***Other adverse effects** No further relevant information available.

13. Disposal Considerations

Product:

Recommendation:

Smaller quantities can be disposed of with household waste.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14. Transportation Information

Maritime transport IMDG:

- **IMDG Class:** Not applicable
- **UN Number:** Not applicable
- **Label -**
- **Packaging group:** Not applicable
- **Marine pollutant:** Not applicable
- **Proper shipping name:** Not applicable

15. Regulatory Information

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

***National regulations:**

***Other regulations, limitations and prohibitive regulations**

The product is listed in the following chemical inventories:

AICS Australia

DSL Canada

TSCA USA

MITI Japan

KECI Korea

PICCS Philippines

Water hazard class (WGK): generally not hazardous to water (self classification according to VwVwS)

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

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product

Printing Date: Sep. 28, 2015

Revision: Sep. 28, 2015

Trade name: STEEL WOOL SOAP PADS

features and shall not establish a legally valid contractual relationship.

***Reason for Changes** Chapter 10 - Incompatible materials corrected

***Department issuing MSDS:** Quality Management Department (Product safety & Dangerous Goods)

***Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning

the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport 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 Harmonized System of Classification and Labelling of Chemicals

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

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)