

MATERIAL SAFETY DATA SHEET

VERSION: E4

Revision Date: 4 October, 2017

Enactment Date: 14 October, 2009

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product name: Water-based environmentally friendly cleaning agent

Product code: JF8770

Brand: Jufeng

1.2 Company identification

Supplier/manufacturer: Shenzhen Jufeng Solder Co., Ltd.

Tel: 86-755-89501348 89501587

Fax: 86-755-89501292

E-mail address: janechen@jufengxi.com

1.3 Emergency telephone

Emergency contact phone : 86-755-89501348 89501587

1.4 Recommended use and restricted use

Just applications for industry cleaning, is not suitable for other uses.

2. HAZARDS IDENTIFICATION

2.1 Emergency overview

Irritating to eyes and skin. Rinse with water immediately after contact..

2.2 Hazards Category

GHS Classification

Skin irritation (Category 2)

Eye irritation (Category 2B)

Acute damage to aquatic environment (Category 3)

GHS marker elements, including preventive statements

Pictogram



Warning words Warning

Statement of danger

H315 causes skin irritation.

H320 causes eye irritation.

H335 May cause respiratory irritation

H402 Harmful to aquatic life

Warning Statement

- P233 Keep Containers Closed
- P264 Clean skin thoroughly after operation
- P280 Measures of Wearing Protective Gloves/Protective Clothing/Goggles/ Masks

Measures

- P303 + P361 + P353 If skin (or hair) is contaminated: Remove/take off all contaminated clothing immediately. Wash skin/shower with water.
- P305 + P351 + P338 If contact with eyes, rinse slowly and gently with water for a few minutes. If wearing contact lenses and easily taking out the lenses, take out the lenses and rinse eyes
- P332 + P313 If skin irritation occurs, seek a doctor / see a doctor.
- P337 + P313 If still feeling eye irritation: Seek a doctor/see a doctor.
- P362 Take off contaminated clothing and wash it before reuse.
- P273 Avoid release to the environment.

Storage

- P402+P403+P233 Stored in a dry and well ventilated place. Keep the container closed.

Disposal

- P501 Dispose contents/containers to approved waste treatment plants.

2.3 Physical and chemical hazards

No data

2.4 Health hazards

- Inhalation: Can cause mild respiratory irritation.
- Ingestion: It is harmful to swallow.
- Skin: Can cause mild irritation.
- Eyes: Can cause moderate irritation
- Symptoms and signs: Skin irritation is dry and degreasing may occur during prolonged contact. Eye irritation is red. Ingestion causes abdominal pain, nausea, vomiting.

2.5 Environmental Hazards

harmful to aquatic organisms.

2.6 Other Hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture

Composition

Effective substance	Concentration %	CAS NO
Organic amine	3-12%	141-43-5
Alcohol ether solvent	4~10%	29911-27-1
Deionized water	78~85%	7732-18-5

4. FIRST AID MEASURES

4.1 Describes the necessary emergency measures

Usual recommendations

Consult a doctor. Show the safety technical specification to the doctor on scene.

Skin contact: If skin is contaminated, rinse with water for several minutes. In case of serious allergy

to sensitive skin, seek medical treatment immediately.

Eye contact: If contact with the eyes, rinse slowly and gently with water for a few minutes. If you wear contact lenses and can easily take out them, take out them and continue to rinse eyes. Seeking medical treatment for serious cases.

Inhalation: If the individual sensitive personnel, inhalation of the vapor, produce allergic phenomenon, send him/her to the fresh air place.

Ingestion: Rinse with water, drink the milk or egg white, and take immediate medical treatment.

4.2 The main symptoms and effects, acute and late effects

Dryness occurs in direct contact with the skin, and degreasing may occur in prolonged contact.

4.3 Instructions and directions for timely medical treatment and special handling required

This product is none dangerous goods, no special treatment instructions.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing medium

Fire extinguishing methods and extinguishing agents

Not applicable. This product will not burn.

5.2 Special hazards to the substance or mixture

No data.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personnel Protection Measures, Protective Equipment and Emergency Disposal Procedures

Wear acid and alkali resistant clothes, acid and alkali resistant gloves and protective glasses.

Avoid contact with acids. Equipped with leak emergency treatment equipment environmental protection measures.

6.2 Environmental protection measures

On the premise of ensuring safety, measures should be taken to prevent further leakage and spillover. After neutralization and dilution, it can be discharged into the wastewater system..

6.3 Leakage asylum, cleaning method and the disposal of materials

A small amount of leakage: It is suggested that emergency personnel wear acid and alkali resistant gloves and do not contact leaks directly. It can be adsorbed or absorbed with sand or adsorbent materials

A lot of leakage: It is suggested that emergency personnel wear acid-alkali clothes and acid-alkali gloves, extract leaks to storage barrels, and flush the remaining parts with a large amount of water after treatment with adsorbents, and discharge the flushing water into the wastewater system. Pay attention to ventilation.

7. DISPOSAL AND STORAGE

7.1 Disposal: Operators strictly abide by process regulations and post operation methods. Wear acid and alkali resistant clothes, acid and alkali resistant gloves and protective glasses. Opened containers must be carefully re-sealed and kept upright to prevent leakage. After work, wash hands thoroughly with soap and water. Food and drink are prohibited in the workplace.

7.2 Storage: Stored in a cool, dry, well ventilated special warehouse, storage temperature is: 0-50°C.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTIVE

8.1 Allowable concentration

The maximum allowable concentration.

There is no known exposure limit prescribed by the state.

8.2 Exposure control

Appropriate technology control:

Operate in accordance with good industrial and safety regulations. Wash hands before the break or after work.

Personal protective equipment

Eye / face protection: Wear face mask and safety glasses to prevent splash contact during operation

Hand protection: Wear acid and alkali resistant gloves. Gloves must be inspected before use. Remove gloves after rinsing with water or other appropriate methods to avoid any skin contact with this product. After use, please treat the contaminated gloves carefully according to relevant laws and regulations and effective laboratory rules and regulations. Clean and blow dry your hands, please.

Skin and body protection: Wear acid and alkali resistant clothes and acid and alkali resistant gloves. The type of protective equipment must be selected according to the hazards and content in a particular workplace.

Respiratory protection: No need special protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 The basic information of physicochemical characteristics

a) Appearance and properties	Colorless stratified liquid (static), milky white in use
b) Odor	No irritating odor.
c) Odor threshold	No data.
d) PH-VALUE(10g/H ₂ O)	11.0±0.5
e) The melting / freezing point	data.
f) Initial boiling point and boiling range	100-235°C
g) FLASH POINT:	Not detected
h) Evaporation rate	No data.
i) Flammability (solid, gas)	Non flammable.
j) High / low combustion or explosion limit	Not applicable.
k) Vapor pressure	No data.
l) Steam density (air =1)	> 1
m) Relative density (1,23°C)	1.00±0.05
n) Water soluble	Soluble.
o) N- octanol / water partition coefficient	No data.
p) Self ignition temperature	Not applicable

- q) The decomposition temperature
r) Viscosity

Not applicable.
No data.

10. STABILITY AND REACTIVITY

10.1 Stability

Stable.

10.2 Dangerous reactions

Reaction with acids gives off heat.

10.3 Avoid conditions

Strong acids and oxides

10.4 Dangerous decomposition products

Other decomposition products No data.

11. TOXICOLOGICAL INFORMATION

11.1 Information about toxicological effects

Acute toxicity:

No data.

Skin irritation or corrosion

Mild stimulation and prolonged exposure may lead to degreasing..

Eye irritation or corrosion:

Moderate stimulation

Allergic respiratory or skin:

Causes mild stimulation

Germ cell mutagenicity:

No data.

Carcinogenicity:

No data.

Reproductive toxicity:

No data.

Specific target organ toxicity (contact once):

Inhalation may cause mild respiratory irritation

Specific target organ toxicity (repeated exposure): No data.

Inhalation risk:

No data.

Potential health effects:

Intake:

If intake, it is harmful.

Skin:

A slight stimulation to the skin.

Eye:

A moderate irritant to eyes.

Signs and symptoms after exposure:

Long exposure to skin may lead to degreasing

12. ECOLOGICAL DATA

12.1 Eco toxicity

Harmful to aquatic organisms.

12.2 Persistence and degradability

No data.

12.3 The biological potential savings

No data.

12.4 Migration in soil

No data.

12.5 Evaluation of PBT and vPvB results

No data.

12.6 Other adverse effects

No other adverse effects.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Product:

Disposal in accordance with the laws and regulations on environmental protection.

Hand over to the licensed organic waste disposal company.

Refer to the relevant national and local laws and regulations before disposal. Discharge waste water system after neutralization, dilution.

Containers and packaging of contaminated:

recyclable after cleaning

14. TRANSPORT INFORMATION

14.1 UN NO.

None.

14.2 UN specifies a name

Water-based cleaning agent (non dangerous goods)

14.3 Transport of dangerous category

Not applicable (non dangerous goods).

14.4 Packaging category

Not applicable (non dangerous goods)

14.5 Environmental risk

May be harmful to aquatic organisms

14.6 Transport note

None.

15. REGULATORY INFORMATION

15.1 Regulations and rules special for safety, health, environmental of the substance and mixture.

Regulatory information:

Please note that the waste disposal should also meet the requirements of the local regulations

16. OTHER INFORMATION

Further information:

Copyright: Shenzhen Jufeng Solder Co., Ltd.

The above information is provided by the manufacturer/supplier. While making effort to ensure the correctness, our company doesn't guarantee there is no more mistake but only provide the data and information for references. Users shall judge the applicability by themselves based on their own application requirements.