



Material Safety Data Sheet

Regulation (EC) No. 1907/2006, 2020/878

MSDS

Applicant: Anhui Pairuike High temperature materials Co., LTD.

Address : Banpeng Group, Qiaonan Village, Yangzhen Town, Tianchang City, Chuzhou City, Anhui Province.

| | | |
|---|---|--|
| MSDS Report No. | : | CTGS2507080285S |
| Compilation Date | : | Jul. 14, 2025 |
| Sample Name | : | Refining flux |
| Model | : | 6F |
| Brand | : | PRK |
| Report page | : | Page 11 |
| Composition/Ingredient of the Sample | : | See Section 3 on the MSDS Chemicals |
| Service Requested | : | Material Safety Data Sheet (MSDS) for the sample with submitted composition. |
| Summary | : | As per request, the contents and formats of the MSDS are prepared in accordance with Regulation (EC) No 1907/2006, 1272/2008. Regulation (EU) No 2020/878 and are provided per attached. |

**Signed for and on behalf of
Technical Center.**



1.PRODUCT

.Product identifiers name: Refining flux

.Product brand:/

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

Identified use: N/A

.Manufacturer/Supplier: jieYang Chuanglong Hardware industry Co., Ltd.

.Address: Xincuo Road, Meiyunxiaqiao, Rongcheng DistrictJieyang City Guangdong Province, china.

.Tel: 13165808499

.E-mail: Cyrusjin@yeah.net

.Contact: Guoping jin

.Further information obtainable from: jieYang Chuanglong Hardware industry Co., Ltd.

.Emergency Telephone Number: 13165808499

2. Hazards identification

.Classification of the substance or mixture

.GHS/CLP Hazard Categories: The product is not classified according to the GHS/CLP regulation

.Pictograms: None

.Hazard information: None

.Invasion route: None

.Health hazards: Under the normal condition of application, contact do not cause absorption hazard and irritate.

.Storage: Store in a well-ventilated place.

.Disposal: Dispose of contents and container in accordance with national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

.Chemical characterization: Refining flux

.Description: Mixture of the substances listed below with non hazardous additions; For the wording of the listed risk phrases refer to section 16

| · Components: | | | |
|---------------|-------------------------|-------------|-----------|
| CAS No. | Chemical Name | % by weight | Ec No. |
| 7647-14-5 | sodium chloride | 45% | 231-598-3 |
| 7447-40-7 | potassium chloride | 45% | 231-211-8 |
| 12397-51-2 | sodium fluoro-aluminate | 10% | 239-148-8 |

4. FIRST AID MEASURES

.General description: Consult doctor if you feel unwell.

.After inhalation: Supply with fresh air. Call a POISON CENTER/doctor, if you feel unwell.

.After skin contact: No special required measures; if skin irritation or allergy occurs: Get medical advice/attention.

.After eye contact: If contact the eyes with clean water in time

.After swallowing: Call a POISON CENTER/doctor, if you feel unwell.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No further relevant information available.

5. FIREFIGHTING MEASURES

.Extinguishing media Suitable extinguishing agents: CO₂, powder, water spray .Use a fire extinguishing medium suitable for the surrounding environment.

.Special hazards arising from the substance or mixture: May produce allergy vapor/ gas under fire.

.Advice for firefighters Protective equipment: Wear fully protective suit and self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

.Emergency treatment:Leakage of contaminated areas to evacuate personnel to safety,as far as possible to cut off sources of pollution.Small amount of divulge: Clean off.Collect in a dry,clean,covered container and transferred to safe place;Massive divulge: Recycle or transport to waste treatment place for handling.

.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 in format.

7. HANDLING AND STORAGE

.Precautions for safe handling:

.Handling: Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear appropriate personal protective equipment. Keep away from the fire source, heat source, no smoking in the work place. Take care when lifting and handling in case of damaging the package. Equip with relevant types and quantities of extinguishable instruments and device for divulge handling.

.Storage: Keep in sealed container, place in a cool dry place. The storage place should be equipped with devices for divulge handling and suitable shelter materials.

For precautions see section 2.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**.Control parameters**

.Ingredients with limit values that require monitoring at the workplace: Data not available

.DNELs: Data not available **.PNECs:** Data not available

.Additional information: The lists valid during the marking were used as basis.

.Exposure controls

Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.

.Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice; Wash hands before breaks and at the end of work; See Section 7 for information about design of technical facilities.

.Personal protective equipment

.Respiration protection: Suitable respiratory protective device recommended.

.Protection of hands: Protective gloves

No special protection of hands required. If handle for long time, rubber gloves (thickness 0.11mm, breakthrough times >480 minutes) are recommended.

.Eye protection: No special protection of eyes required. Safety glasses are recommended.

.Environmental exposure controls:

Control measures must be made in accordance with Community environmental protection legislation.

9 PHYSICAL AND CHEMICAL PROPERTIES

.Information on basic physical and chemical properties.

.Appearance: Powder

| <i>.General Information</i> | |
|-----------------------------|---------------------------|
| Appearance: | <i>Powder</i> |
| Colour: | <i>Grayish white</i> |
| Odour: | <i>None</i> |
| Solubility in water: | <i>Data not available</i> |
| Other accessories : | |
| Light | <i>Data not available</i> |
| Paper | <i>Data not available</i> |
| Cable | <i>Data not available</i> |
| parts; fitting | <i>Data not available</i> |
| Other information | <i>Data not available</i> |

10 STABILITY AND REACTIVITY

.Reactivity: No decomposition if used according to specification.

.Chemical stability: Stable under recommended storage conditions.hazardous decomposition products should not be produced.

·Possibility of hazardous reactions: No dangerous reactions known.

·Conditions to avoid: high temperature corrosive liquid.

·Incompatible materials: Data not available.

·Hazardous decomposition products: The finished product cannot not decomposed , No data available In the event of fire: see section 5

11 TOXICOLOGICAL INFORMATION***.Information on toxicological effects***

·Acute Toxicity: Swallow is harmful

·Sub-acute and Chronic Toxicity: No known significant effects or serious harm.

·Irritation: No known significant effects or serious harm.

·Sensitization: No known significant effects or serious harm.

·Mutagenicity: No known significant effects or serious harm.

·Carcinogenicity: No known significant effects.

12 ECOLOGICAL INFORMATION

.Toxicity: Data not available

·Aquatic toxicity: Not toxic/harmful to aquatic organism.

·Persistence and degradability: Readily biodegradable in water.

·Bio-accumulative potential: Data not available

·Mobility in soil: Data not available

·Results of PBT and vPvB assessment

PBT: Not applicable ***vPvB:*** Not applicable

·Other adverse effects: No further relevant information available.

·Additional ecological information General notes: No data available.

13 DISPOSAL CONSIDERATIONS

.Disposal method: Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

.Disposal considerations: Choose to have certified disposal contractor.

14 TRANSPORT INFORMATION

.According per the packaging instructions of International Air Transport Association DGR 66 (2025).

.The products is not restricted to IMO IMDG Code(Amdt 42-24)

.UN number:None

.Land Transport ADR/RID:Not regulated for transport of dangerous goods.

.Maritime Transport IMO/IMDG:Not regulated for transport of dangerous goods.

.Air Transport IATA/ICAO:Not regulated for transport of dangerous goods.

.Packaging Information: Packing according to customer requirements.

.Transport Attentions: No collapse or no damage during the course of transportation. Corresponding varieties and number of fire equipment and contingency processing equipment should be equipped during the course of transportation. Strictly prohibit put the goods together with oxidizer, acid, etc. for transport. During transport, the goods should prevent exposure, rain and high temperature. Keep away from fire.

15 REGULATORY INFORMATION

.Regulatory Information:ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections. Regulation (EC) No. 1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

16 OTHER INFORMATION

.The contents and format of this MSDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2020/878.

DISCLAIMER OF LIABILITY:

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End of Material safety data sheet