SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name: Fast Red TR Salt hemi(zinc chloride) salt
Product Number: F113048
Brand: aladdin
CAS-No.: 89453-69-0

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

Identified uses: 仅供科研用途，不作为药物、家庭备用药或其它用途。

1.3 Details of the supplier of the safety data sheet

Company: Shanghai Aladdin Biochemical Tech Co., Ltd
Address: 36 Xinjinqiao Road, Shanghai
Telephone: 400-620-6333
Fax: no data available

1.4 Emergency telephone number

Emergency Phone: 0532-83889090

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

2.2 GHS Label elements, including precautionary statements

Pictogram: no data available
Signal word: no data available

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

SECTION 3: Composition/information on ingredients

3.1 Substances

Synonyms: 4-Chloro-2-methylbenzenediazonium salt Azoic Diazo No. 11 Fast Red TR Salt hemi[zinc chloride] salt
Formula: C7H6Cl2N2•1/2ZnCl2

Shanghai Aladdin Biochemical Technology Co., Ltd.
No. 809, Chuhua Branch Road, Fengxian District, Shanghai

Phone: 400-620-6333  Email: Sale@aladdin-e.com  Web: https://www.aladdin-e.com
Molecular weight: 257.19
CAS No.: 89453-69-0
EC-NO.: no data available

SECTION 4: First aid measures

4.1 Description of first aid measures
General advice
no data available
If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact
Wash off with soap and plenty of water.
In case of eye contact
Flush eyes with water as a precaution.
If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed
主要症状和影响，急性和迟发效应据我们所知，此化学，物理和毒性性质尚未经完整的研究。

4.3 Indication of any immediate medical attention and special treatment needed
no data available

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media
no data available

5.2 Special hazards arising from the substance or mixture
Hazardous decomposition products formed under fire conditions.- Nature of decomposition products not known.

5.3 Advice for firefighters
如必要的话，戴自给式呼吸器去救火。

5.4 Further information
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapors, mist or gas.

6.2 Environmental precautions
Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: -20 °C

7.3 Specific end use(s)
no data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls
Appropriate engineering controls
General industrial hygiene practice.
Personal protective equipment
Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH <br/>(US) or EN 166(EU).<br/>
Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching <br/>) glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
no data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
a) Appearance no data available
b) Odour no data available
c) Odour Threshold no data available
d) pH no data available
e) Melting point/freezing point no data available
f) Initial boiling point and boiling range no data available
g) Flash point no data available
h) Evaporation rate no data available
i) Flammability (solid, gas) no data available
j) Upper/lower flammability or explosive limits no data available
k) Vapour pressure no data available
l) Vapour density no data available
m) Relative density no data available
n) Water solubility no data available
o) Partition coefficient: n-octanol/water no data available
p) Auto-ignition temperature no data available
q) Decomposition temperature no data available
r) Viscosity no data available
s) Explosive properties N no data available
t) Oxidizing properties N no data available

9.2 Other safety information
no data available

SECTION 10: Stability and reactivity

10.1 Reactivity
Stable under recommended storage conditions.
10.2 **Chemical stability**
no data available

10.3 **Possibility of hazardous reactions**
no data available

10.4 **Conditions to avoid**
Strong oxidizing agents<br>Sigma - F8764 Page 4 of 6

10.5 **Incompatible materials**
no data available

10.6 **Hazardous decomposition products**
Oral LD50 <br>Inhalation LC50 <br>Dermal LD50 <br>Other information on acute toxicity <br>no data available

**SECTION 11: Toxicological information**

11.1 **Information on toxicological effects**

Acute toxicity
no data available
Skin corrosion/irritation
no data available
Serious eye damage/eye irritation
no data available
Respiratory or skin sensitisation
no data available
Germ cell mutagenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable,
possible or confirmed human carcinogen by IARC.<br>ACGIH: No component of this product present at levels
greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.<br>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.<br>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.<br>Carcinogenicity
no data available
Reproductive toxicity
no data available
Specific target organ toxicity - single exposure
no data available
Specific target organ toxicity - repeated exposure
no data available
Aspiration hazard
SECTION 12: Ecological information

12.1 Toxicity
no data available

12.2 Persistence and degradability
no data available <br/>

12.3 Bioaccumulative potential
no data available <br/>

12.4 Mobility in soil
no data available

12.5 Results of PBT and vPvB assessment
no data available <br/>

12.6 Other adverse effects
no data available

SECTION 13:

13.1 Disposal considerations
Product
Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging
no data available

SECTION 14: Transport information

DOT (US)

UN number: no data available
Proper shipping name: Not dangerous goods
Environmental Hazards: No
Packing group: -
Reportable Quantity(RQ): no data available
Class: -
Poison Inhalation Hazard: No

IMDG

UN number: no data available
Proper shipping name: Not dangerous goods
Packing group: -
EMS-No: No

IATA
UN number: no data available
Packing group: -
Class: -
Proper shipping name: Not dangerous goods

SECTION 15: Regulatory information
no data available

SECTION 16: Other information
Further information

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