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

1.1 Product identifiers

Product name: Maltotriitol
Product Number: 
Brand: aladdin
CAS-No.: 32860-62-1

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、家庭备用或其他用途。

1.3 Details of the supplier of the safety data sheet

Company: Shanghai Aladdin Biochemical Tech Co., Ltd
Address: 196 Xinjinqiao Road, Shanghai
Telephone: 021-33617362
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
Hazard statement(s): 
Precautionary statement(s): 

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

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice
4.1 If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

4.2 In case of skin contact
Wash off with soap and plenty of water.

4.3 In case of eye contact
Flush eyes with water as a precaution.

4.4 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
no data available

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.- Carbon oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for fire fighting if necessary.

5.4 Further information
no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapours, 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
no data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Store under inert gas. Hygroscopic.

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 (US) or EN 166 (EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching 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

no data available
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

10.5 Incompatible materials
Hazardous decomposition products formed under fire conditions.- Carbon oxides <br/>Other decomposition products
10.6 Hazardous decomposition products
Oral LD50 <br/>no data available <br/>Inhalation LC50 <br/>no data available <br/>Dermal LD50 <br/>no data available <br/>Aldrich - 700266 Page 4 of 6 <br/>Other information on acute toxicity <br/>no data available <br/>

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
no data available

Additional Information
no data available

SECTION 12: Ecological information

12.1 Toxicity
no data available

12.2 Persistence and degradability
12.3 Bioaccumulative potential
no data available

12.4 Mobility in soil
no data available

12.5 Results of PBT and vPvB assessment
no data available

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: 非危险货物
Packing group: -
Reportable Quantity(RQ): no data available
Poison Inhalation Hazard: no data available

IMDG
UN number: no data available
Proper shipping name: 非危险货物
Packing group: -
EMS-No: no data available

IATA
UN number: no data available
Proper shipping name: 非危险货物
Packing group: -
Class: -

SECTION 15: Regulatory information
no data available

SECTION 16: Other information
Further information
information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Aladdin Co. Ltd. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Version: v1    Revision Date: 2021-01-04    Print Date: 2021-01-05