SAFETY DATA SHEET

1. IDENTIFICATION

Product name：APG06，C6 Alkyl glucoside

CAS No.：54549-24-5

Brand：yuanye

Company：Shanghai yuanye Bio-Technology Co., Ltd

phone：021-61312973

fax：021-55068248

website：www.shyuanye.com

mailbox：shyysw@sina.com

2. HAZARDS IDENTIFICATION

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

Acute toxicity, oral,(Category 4), H302

Skin corrosion/irritation,(Category 2), H315

Serious eye damage/eye irritation,(Category 2A), H319

Specific target organ toxicity, single exposure; Respiratory tract irritation,(Category 3), H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

Pictogram：



Signal Word：warning

Hazard statements：

H302 Harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

Precautionary statements：

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338

IF IN EYES： Rinse cautiously with water for several minutes.Remove contact lenses,if present and easy to do. Continue rinsing.

Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name： Hexyl D-glucopyranoside

CAS Number： 54549-24-5

Molecular Formula： C12H24O6

Molecular Weight： 264.3154

4. FIRST AID MEASURES

Description of first aid measures：

General advice：

Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled：

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact：

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact：

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed：

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed：

The most important known symptoms and effects are described in the labelling (see section 2 or section 11)

Indication of any immediate medical attention and special treatment needed：

no data available

5. FIREFIGHTING MEASURES

Extinguishing media Suitable extinguishing media：

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture：

Carbon oxides, nitrogen oxides (NOx), Hydrogen bromide gas

Advice for firefighters：

Wear self contained breathing apparatus for fire fighting if necessary.

Further information：

no data available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures：

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Environmental precautions：

Do not let product enter drains.

Methods and materials for containment and cleaning up：

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections：

For disposal see section 13.

7. HANDLING AND STORAGE

Precautions for safe handling：

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.Provide appropriate exhaust ventilation at places where dust is formed.Normal measures for preventive fire protection.For precautions see section 2.

Conditions for safe storage, including any incompatibilities：

Specific end use(s)：

Apart from the uses mentioned in section 1, no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters：

Contains no substances with occupational exposure limit values.

Appropriate engineering controls：

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment：

Eye/face protection：

Face shield and safety glasses 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：

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection：

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle

respirator.For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure：

Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties：

Appearance / Form： no data available

Odor： no data available

Odor Threshold： no data available

pH： no data available

Melting point： no data available

Boiling point/range： no data available

Flash point： no data available

Evapouration rate： no data available

Flammability： no data available

Upper/lower flammability： no data available

explosive limits： no data available

Vapor pressure： no data available

Vapour density： no data available

Relative density： no data available

Water solubility： no data available

Partition coefficient： no data available

Auto-ignition temperature： no data available

Decomposition Temp： no data available

log Pow： no data available

Viscosity： no data available

Explosive properties： no data available

Oxidizing properties： no data available

Other safety information：no data available

10. STABILITY AND REACTIVITY

Reactivity： no data available

Chemical stability： Stable under recommended storage conditions.

Possibility of hazardous：no data available

Reactions：

Conditions to avoid：no data available

Incompatible materials：no data available

Hazardous decomposition：no data available

Products：

Other decomposition products： no data available

In the event of fire： see section 5

11. TOXICOLOGICAL INFORMATION

Acute toxicity： Classified based on available data. For more details, see section 2

Skin corrosion/irritation： Classified based on available data. For more details, see section 2

Serious eye damage/irritation Classified based on available data. For more details, see section 2

Respiratory or skin sensitisation：Classified based on available data. For more details, see section 2

Germ cell mutagenicity： Classified based on available data. For more details, see section 2

Carcinogenicity：

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.

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.

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.

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

Reproductive toxicity：

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

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Results of PBT and vPvB

assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods： Offer surplus and non-recyclable solutions to a licensed disposal company.Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging：Dispose of as unused product.

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID：

IMDG：

IATA-DGR：

14.2 UN proper shipping name

ADR/RID：

Not dangerous goods

IMDG：

Not dangerous goods

IATA：

Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID：

IMDG：

IATA-DGR：

14.4 Packaging group

ADR/RID：

IMDG：

IATA-DGR：

14.5 Environmental hazards

ADR/RID： -

IMDG： -

IATA-DGR： -

14.6 Special precautions for user

Further information ：

No data available

15. REGULATORY INFORMATION

SARA 302 ： No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 ： This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards Acute Health Hazard

Massachusetts Right To Know

Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

Components

New Jersey Right To Know

Components

California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox. Acute toxicity

Eye Irrit. Eye irritation

Skin Irrit. Skin irritation

H302 Harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

Further information：

The above 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. See invoice or packing slip for additional terms and conditions of sale.