ALKYLPOLYGLUCOSIDE （APG）

1. Product

Trade name	Alkylpolyglucoside
Manufacturer/Seller	Chemtrade International
Telephone	86-532-86893005
Telefax	86-532-86893005
Information provided by	Exp.&Imp.Dept.
Contact in case of emergency	Police or fire brigade

2. Chemical Composition/Constituents

Composition	alkylpolyglucoside
CAS-NO:	68515-73-1

3. Hazard

The substance does not belong to Corrosives

4. First Aid Measure

General information	Seek medical advice in case of indisposition or accident
Inhalation	Remove to fresh air if necessary
Skin	Wash thoroughly with water and soap.
Eyes	Wash thoroughly with plenty of water for at least 15minutes and seek medical attention
Ingestion	Seek medical advice

5. Fire-Fighting Measures

Extinguishing Media:	Foam water CO_2
Fire and explosion hazards	Non flammable liquid. In fire following gases can be formed:CO,CO_2
Protective measures	Fire fighters should wear suitable protective clothing and if necessary .self contained breathing apparatus.
Further information	Corrosive resistant clothing

6. Accidental Release Measures:

Personal protection	Wear protective gloves, goggles and clothing
Environmental protection	Do not allow to enter drains, sewers or water systems.
Recovery	Absorb on inert material. Small quantities are washing through with plenty of water.

7. Handling and Storage(in normal use)

Handling	Handle and open the container with care
Protective measures	Avoid ingestion. Avoid contact with eyes and with skin. Wash hands immediately after handling.
Storage	Keep containers tightly closed. Store in a cool and dry place.
Materials for equipment	Use only alkali-resistant containers

8.**Exposure Controls/Personal Protection**

Chemical safety goggles.

Compatible chemical-resistant glovers

Avoid ingestion

Avoid contact with eyes, skin and clothing

Avoid prolonged or repeated exposure

Wash thoroughly after handling

Keep containers tightly closed. Open and handle with care. Store in a cool dry place.

9.**Physical and Chemical Properties**

Appearance	Pale yellow transparent oily liquid
Form	Viscous liquid
Colour	Pale yellow
Odour	Weak odor
Freezing point	-10℃
Boiling point/range	100℃
Flash point	In the closed-cup flash point test, fp>80℃
Ignition temp.(stable gaseous)	Non flammable
Viscosity 25℃	≤500mpas
Density at 20℃	1.05-1.15g/ml
Solubility in/Miscibility with water	Dissolve in water
PH-value:	11.5—12.5

10.**Stability and Reactivity**

Conditions to avoid	Avoid contact with alkali non-resistant containers
Hazardous decomposition products	CO_2 H_2O

11.**Toxicologlcal Information**

Short term	
Classification of LD/ 50 Values	≥5000mg/kg
skin	May cause skin irritating
eyes	May cause eye irritating

12.**Ecological Information**

No ecological problems are to be expected when the product is handled and used with due care and attention

13.**Disposal Considerations**

Product	
Advice	Separate disposal according to local regulations
Contaminated packing	
Advice	Convey to recycling plant

14.**Transport Information**

The substance presents no explosive hazard and does not belong to oxidizing substances. It does not belong to toxic substances too. The substances does not belong to radioactive material.

The substance is not subject to IMO IMDG Code.

The goods are packaged according to the packaging requirement of ordinary goods.

15.**Regulatory Information**

EEC-classification	Non -corrosive
Hazard pictograms	Contains fatty alcohol
Safety phrases	1/2 keep locked up and out of reach of children 25/24 avoid contact with skin and eyes 26 in case of contact with wyes rinse immediately with plenty of water and seek medical advice 36/37 wear suitable protective clothing . gloves and eye/face protection 45 in case of accident or if you feel unwell seek medical advice immediately(show the label where possible)
National regulations	
Classification accord. To VbF:	
Classification of water hazard	

16.**Other Information**

Alkylpolyglucosides(APG) are new generation environmentally friendly surfactants. The feedstock of APG are based on fatty alcohol and glucose which are obtained form renewable resources. Thus, APGs are completely biodegradable. Because of their non-toxicity , non-irritation and many excellent surface active performances, APGs are widely used in the fields of detergents cosmetics foods and medicines.