

Reachin Chemical Co.,Ltd

Material Safety Data Sheet

Add: Rm.122c-1, TianYuan Plaza A, TianYuan Rd.401, Tianhe, Guangzhou, China

Tel : (86 20) 37087379 Fax : (86 20) 38337097

REGREASE AB

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

- 1.1 INCI Name : C12-15 Alkyl benzoate(Regrease AB)
- 1.2 CAS No : 68411-27-8
- 1.3 Chemical Classification : Oil
- 1.4 Dangerous Goods Classification : Not assessed.
- 1.5 Company Details :
- Manufacture/Supplier : **Reachin Chemical Co.,Ltd**
- Address : Rm.122C-1,TianYuan Plaza A, TianYuan Rd.401,Tianhe,Guangzhou,China
- Telephone Number : (86 20) 37087379 Fax Number : (86 20) 38337097
- Emergency Telephone Number : (86 20) 37087379
- Contact Person : Environment, Health and Safety Manager
- 1.6 The date of taking effect : Compiled 04/2014

2. COMPOSITION/INFORMATION ON INGREDIENTS

- 2.1 Chemical characterization : Surfactant
- 2.2 Physical Form : Liquid
- 2.3 Color : Colorless
- 2.4 Use : Cosmetics additive, Surfactant
- 2.5 Ingredients :
- | Chemical Name | CAS No | % (w/w) | Symbols & Health Risk Phrases |
|-----------------------|------------|-----------|-------------------------------|
| C12-15 Alkyl benzoate | 68411-27-8 | 100 | |

3. HAZARDS IDENTIFICATION

- 3.1 Overall Hazard Classification : Not hazardous.
- 3.2 Hazard Information : Not hazardous.
- 3.3 Route of Exposure : Avoid contact with eyes, face and skin.
- 3.4 Possible Health Effects : Skin Contact and Accidental Ingestion.
- Acute Acute Oral LD50:34.5 g/kg.
- Eyes : Irritant. Can cause redness, irritation, tearing.
- Skin : Slightly irritating. May cause redness, irritation.
- Inhalation : Inhalation not likely.
- Ingestion: Practically non-toxic.
- Chronic This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.
- 3.5 Signs and Symptoms of Overexposure : No significant adverse effects from a single exposure expected from normal use.

4. FIRST AID MEASURES

- 4.1 Eyes : Flush immediately with water for at least 15 minutes. Contact

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- 4.2 Skin : physician if symptoms persist.
In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.
- 4.3 Inhalation : Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
- 4.4 Ingestion : Rinse mouth with water and obtain medical attention.
- 4.5 Comments : Treat according to person' s condition and specifics of exposure. Skin contact may aggravate existing skin disease.
- 4.6 Note to physicians : Treat symptomatically.

5. FIRE FIGHTING MEASURES

- 5.1 Autoignition : Not available.
- 5.2 Flash point : >300°F
- 5.3 Extinguishing Media : Carbon dioxide, dry chemical, foam or water spray.
- 5.4 Special Fire Fighting Procedures : Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.
- 5.5 Fire & Explosion Hazards : Product will burn under fire conditions. Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.
- 5.6 Hazardous Combustion Products : Oxides of nitrogen, oxides of sulfur, oxides of carbon.
- 5.7 Lower Explosion Limit : Not applicable.
- 5.8 Upper Explosion Limit : Not applicable.
- 5.9 Flammability Hazard Class : Not applicable.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precaution : In instances where any established threshold limit value is exceeded, or vapors present a possible hazard use NIOSH.
- 6.2 Environmental Precautions : Keep away from drains, surface and ground water, and soil.
- 6.3 Spill and Leak Procedures : Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillage should be contained immediately by use of sand or inert powder and disposed of according to local regulations.

7. HANDLING AND STORAGE

- 7.1 Handling : Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- 7.2 Storage Conditions : Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original containers. Avoid plastic and uncoated metal containers, Keep air contact to a minimum.
- 7.3 Unsuitable Packaging Materials : None established.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Industrial Hygiene Standards		
	Ingredients	CAS No.	Exposure Limits
	None known.		
8.2	Engineering Controls:		
	Local Ventilation :	Recommended.	
	General Ventilation :	Recommended.	
8.3	Personal Protective Equipment for Routine Handling		
	Respiratory protection :	Avoid excessive inhalation of concentrated vapours.	
	Eye protection :	Wear safety glasses.	
	Hand protection :	Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.	
	Clothing Requirements :	Uniforms, coveralls, or a lab coat should be worn.	
	Change/Removal Of Clothing :	Remove contaminated clothing and launder before reuse.	
	Wash Requirements :	Wash exposed areas with soap and water.	

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Physical Form :	Liquid
9.2	Color :	Colorless
9.3	Odor :	Not Available
9.4	PH :	Not Available
9.5	Solubility in water :	<1%
9.6	Melting Point Range:	Not Available
9.7	Boiling Point Range:	> 500°C
9.8	Specific Gravity(water=1):	0.923
9.9	Refractive index:	Not available

The above information is not intended for use in preparing product specifications. Contact Reachin before writing specifications.

10. STABILITY AND REACTIVITY

10.1	Stability :	Stable.
10.2	Stability Detail :	Stable under normal temperature and pressure. Conditions To Be Avoided: heat, open flame, spark. Materials/Chemicals To Be Avoided: strong acids, alkali or strong oxidizing agents.
10.3	Reactivity Hazard Class :	Minimal. Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

11.1	Possible Health Effects :	Refer to Section 3.4
11.5	Carcinogenic Effects :	Not considered a carcinogen or potential carcinogen by the National Toxicology Program Annual report on carcinogens or the International Agency for Research on Cancer.
11.6	Other Health Information :	Hazard Dermal and eye irritation Test: Primary Dermal irritation Index on Rabbits=0.08.

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12. ECOLOGICAL INFORMATION

- | | |
|------------------------------------|-------------------|
| 12.1 Potential To Bio-accumulate : | None Established |
| 12.2 Aquatic Toxicity: | None Established. |

13. DISPOSAL CONSIDERATIONS

- | | |
|---------------------------|--|
| 13.1 Product Disposal : | Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. |
| 13.2 Packaging Disposal : | Any containers or equipment used should be decontaminated immediately after use. |

14. TRANSPORT INFORMATION

- | | |
|--------------------------------|----------------------------------|
| 14.1 Road and Rail Transport : | Not assessed. |
| 14.2 Sea Transport (IMDG) : | Not subject to IMDG code. |
| 14.3 Air Transport (ICAO) : | Not subject to ICAO regulations. |

15. REGULATORY INFORMATION

- | | |
|-----------------------------|--|
| 15.1 Applicable Laws : | Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals. |
| 15.2 Chemical Inventories : | |
| AICS : | All ingredients listed or exempt. |
| DSL : | All chemical substances in this material are included on or exempted from the DSL. |
| MITI : | All components are listed on ENCS or its exempt rule. |
| KECL : | One or more ingredients are not on the inventory. |
| EINECS : | All ingredients listed or exempt. |
| TSCA : | All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances. |

16. OTHER INFORMATION

Contact Point : Technical Services Engineer (86 20) 37087379

Prepared by : Reachin Chemical Co.,Ltd

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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