

C12-15 Alkyl Benzoate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 20-Aug-2024
Supersedes: 19-May-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: C12-15 Alkyl Benzoate
Synonyms: No data available
INCI Name: C12-15 Alkyl Benzoate
CAS Number: 68411-27-8
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified.
GHS Labeling: Not a dangerous substance according to GHS.
GHS Hazard Pictograms: None.
GHS Hazard Statements: None.
GHS Precautionary Statements: None.
Potential Health Hazards: Eyes: May be an irritant.
Inhalation: May be an irritant.
Skin: May be an irritant.
Ingestion: May cause nausea, vomiting, or diarrhea.

NFPA Ratings (704):

Health	1	Slight
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
C12-15 Alkyl Benzoate	68411-27-8	100%	Not Available

4 FIRST AID MEASURES

Eyes: If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist. Do not leave victim unattended.

Inhalation: Move victim out of danger zone. Provide fresh air. Get medical advice/attention if you feel unwell. Do not leave victim unattended.

Skin: After contact with skin, wash immediately with plenty of water and soap. Get medical advice/attention if you feel unwell. Take off all contaminated clothing immediately. Do not leave victim unattended.

Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Seek medical advice. Caution if victim vomits: Risk of aspiration! Do not leave victim unattended.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media (foam, dry extinguishing powder, carbon dioxide (CO₂), carbon monoxide) for surrounding environment and adjacent fire. Do not use a high-power water jet.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Do not allow water used to extinguish fire to enter drains or waterways. In case of fire and/or explosion do not breathe fumes. Extinguishing materials should be selected according to the surrounding area.

Flash Points:	372.2°F (189°C)
Specific hazards arising from the chemical:	Toxic pyrolysis products, carbon monoxide, carbon dioxide (CO ₂) may be released in the case of fire. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Ensure waste is collected and contained. Treat the assimilated material according to the section on waste disposal. Absorbing material, organic sand. Remove mechanically, placing in appropriate containers for disposal. Clean contaminated objects and areas thoroughly observing environmental regulations. Avoid generation of dust. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	It is recommended to organize all working processes to exclude the following: inhalation, skin contact, eye contact. Do not eat, drink, smoke, or sneeze at the workplace. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store only in original container. Ensure adequate ventilation of the storage area. Keep container tightly closed. Keep the packing dry and well-sealed to prevent contamination and absorption of dampness. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
C12-15 Alkyl Benzoate	Not available	Not available	Not available

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Wear tightly sealed safety glasses.
Inhalation:	Work in well ventilated zones or use proper respiratory protection. Ensure adequate ventilation.
Body:	The type of gloves required depends on the concentration and quantity of dangerous substances as well as on work place specifications. When handling chemical substances, chemical protective gloves and full protective clothing must be worn with CE label including a four-digit code.
Other:	Occupational exposure controls: In the case of the formation of dust, aerosol, or mist generation. Technical measures and the application of adequate working methods take priority over the use of personal protection equipment. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure at 20°C:	<0.001 hPa
Odor:	Odorless	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Colorless	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	372.2°F (189°C)
Boiling Point:	705.2°F (374°C)	Specific Gravity:	No data available
Melting/Freezing Point:	3.2°F (-16°C)	Water Solubility:	No data available
Relative Density at 20°C:	0.93 g/cm ³	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available

Dynamic Viscosity at 25°C:	Ca. 40 mPa.s	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable.
Hazardous Polymerization:	Thermal decomposition can lead to the escape of irritating gases and vapors.
Conditions to Avoid:	Heat, smoke, and sources of ignition.
Incompatible Materials:	Oxidizing agents, reducing agents, alkalis, and acids.
Hazardous Decomposition Products:	No data available.
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	(Rabbit) Dermal LD50 (mg/kg bodyweight): >2000 mg/kg. Not an irritant.
Eyes:	Not an irritant.
Inhalation:	No data available.
Ingestion:	(Rat) Oral LD50 (mg/kg bodyweight): 34500 mg/kg.
Carcinogenicity:	This substance does not meet the criteria for classification as CMR category 1 or 2.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Sensitization:	No data available.
Corrosivity:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Do not allow uncontrolled leakage of product into the environment.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Easily biodegradable.
Bioaccumulative Potential:	Log Pow: >6.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Do not dump into any sewers, on the ground, or into any body of water. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. For unused and uncontaminated product, the preferred options include sending to a licensed, permitted recycler, reclaimer, incinerator, or to her thermal destruction device. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Non-regulated material.
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TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not a hazardous material with respect to these transportation regulations.
IATA (International Air Transport Association):	Not a hazardous material with respect to these transportation regulations.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Registered:	No.
TSCA 5(a) SNUR:	No.
Canada (DSL):	No data available.
EU (EINECS):	No data available.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Revision Date:	20-Aug-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.