



RTD HallStar
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1. PRODUCT IDENTIFICATION

TRADE NAME : RTD FA26
SYNONYMS : Lauryl Myristyl Alcohol

2. COMPOSITION/INGREDIENTS

COMPOSITION : Blend of 1-dodecanol (lauryl), 1-tetradecanol (myristyl) and
1-hexadecanol (cetyl)
CAS NO. : 68855-56-1
EINECS NO. : 272-490-6

3. POTENTIAL HAZARDS

Irritates eyes and skin

4. FIRST AID

In case of contact with skin : Wash with soap and water.
In case of contact with eyes : Rinse with water and see a physician if necessary.
In case of accidental intake : See a physician.

5. FIREFIGHTING

Suitable Extinguishers : Water, extinguishing foam, CO2 fire
extinguishing powder
Do not use : Full-stream water jet
Firefighter's special
protective equipment : Insulated respiratory protective devices

Keep away from any source of fire, use water to cool tanks if threatened by fire.

6. ACCIDENTAL RELEASE

Environmental Protection : Allow molten product to be absorbed in
liquid-absorbent substance (oil/chemical binding
agent) or trapped in oil and grease separators;
remove solid spillage.

7. STORAGE

Store in sealed containers of fine steel or barrels of either plastic-lined steel or polyethylene at max. temperature of 40°C.

8. EXPOSURE CONTROLS AND PROTECTION OF THE BODY

General hygienic precautions : Change clothes if splashed.
Eyes : Wear protective goggles.
Hands : Wear plastic or rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Condition : Liquid
Color : Colorless
Odor : Typical of fatty alcohols

PROPERTIES

Solidification Point, °C : 18 - 23
Boiling range, °C : 268 - 311
Flash Point(PM), °C : 129 - 141
Vapor Pressure at 38°C, mbars : <1
Density, g/cm³ at 30°C : 0.83
Solubility in water : Insoluble
Viscosity at 40°C, mPa.s : 14.5
Molecular weight, g/mol : 193 - 195

10. STABILITY AND REACTIVITY

The product reacts with oxidants, inorganic acids and halogens.

11. TOXICOLOGICAL INFORMATION

Oral LD50 to rat : >10,000 mg/kg

The product does not fall under any category specified by the Hazardous Properties Regulation pursuant to the Chemicals Act.

12. ECOLOGICAL INFORMATION

Water-soluble traces of the product are easily biodegradable(>90%). If water has been polluted with the product, it should not be allowed to get into ponds or rivers until it has been treated.

13. DISPOSAL

Dispose off by burning in suitable incinerators, care being taken to ensure that local regulations are observed.

14. HANDLING

Transport by rail, road tankers or bulk ships in containers of high quality steel or in barrels of either plastic-lined steel or polyethylene.

The product is not under the list of Dangerous Goods as defined by Transport Regulations.

15. REGULATORY REQUIREMENTS

Labelling to conform to EC Guides

Danger symbol	: Xi	
Type of Hazard	: Irritant	
R-sets	: R-36/38	: Irritates eyes and skin
S-sets	: S-26	: In case of contact with eyes, rinse carefully with water and see a physician
	S-28	: In case of contact with skin, rinse immediately with plenty of water
	S-37/39	: Operators should wear suitable protective gloves, goggles and face shields.
National Regulations		: Hazardous to Water Substances - Class 0

16. MISCELLANEOUS

Most of the data given above have been taken from:

The General Administrative Rules governing the identification of hazardous to water substances and their classification according to their hazardous nature VwV of Hazardous to Water Substances, 9 March 1990.