



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Reflez AM 11

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name:	Reflez AM 11
INCI name:	Glyceryl undecylenate
CAS number:	67701-31-9
EC number:	266-950-5

Relevant identified uses of the substance and uses advised against

Identified uses:	Industrial use
Uses advised against:	None known

Details of the supplier of the safety data sheet

Manufacturer/Supplier:	CIDOLS SDN BHD
Address:	No 37, Jalan Selat Selatan 7/KS5, Taman Perindustrian Sobena Jaya Pandamaran, 42000 Pelabuhan Klang, Selangor, Malaysia.
Emergency Contact number:	+603 31631679
Website:	www.cidols.com

SECTION 2: Hazards Identification

Hazard classification:	Not classified
Human Health Hazards	
Skin contact:	None identified
Eye contact:	None identified
Ingestion:	None identified
Physical/Chemical Hazards:	None identified
Environmental Hazards:	None identified

SECTION 3: Composition/information on ingredients

Name	Product identifier	%
Undecylenic acid, monoester with glycerol	CAS-No: 67701-31-9 EC no.: 266-950-5	<= 100

SECTION 4: First aid measures

General Advice:	If you feel unwell, seek medical advice.
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Skin Contact:	Wash with soap and water. Get medical attention if symptoms occur.
Eye Contact:	Wash out immediately with water. Get medical attention if symptoms persist.
Inhalation:	Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.
Ingestion:	Rinse mouth with water
Most important symptoms and effects, both acute and delayed	No known chronic or acute health risks

Indication of any immediate medical attention and special treatment needed

Hazards:	None known
Treatment:	Treat symptomatically

SECTION 5: Firefighting measures

General fire hazards:	None known
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Extinguishing media

Suitable extinguish media:	AFFF foam. BC powder. Carbon dioxide. Dry sand. Dry chemical powder. Adapt extinguishing media to the environment
Unsuitable extinguishing media	Solid water jet
Special hazards arising from the substance or mixture:	None known

Advice for firefighters

Precautionary measures fire:	Exposure to fire/heat keep unwind. Exposure to fire/heat: have neighbourhood close doors and windows
Special firefighting procedures:	None known
Special protective equipment for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire



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SECTION 6: Accidental release measures

General measures:	Mark the danger area. Exposure to heat: have neighbourhood close doors and windows. Exposure to fire/heat: consider evacuation. Wash contaminated clothes.
Personal precautions, protective equipment and emergency procedures:	Wear appropriate personal protective equipment
Environmental precautions:	Prevent soil and water pollution
Methods for cleaning up:	Clean contaminated surfaces with an excess of water and soap solution. Take up liquid spill into inert absorbent material, e.g.: dry sand/earth/vermiculite or powdered limestone
Notification procedures:	In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations

SECTION 7: Handling and storage

Precaution for safe handling:	Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Keep away from naked flames/heat. Keep away from ignition sources/sparks
Handling temperature:	$\geq 10^{\circ}\text{C}$ above melting point

Conditions for safe storage, including any incompatibilities

Heat and ignition sources:	KEEP SUBSTANCE AWAY FROM: heat sources
Information on mixed storage:	KEEP SUBSTANCE AWAY FROM: ignition sources, (strong) acids, (strong) bases.
Storage area:	Keep container in a well-ventilated place. Store at ambient temperature. Keep out of direct sunlight. Meet the legal requirements
Special rules on packaging:	Closed, correctly labelled, meet the legal requirements
Packaging materials:	No supplementary information available

SECTION 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits:	Country specific exposure limits have not been established or are not applicable unless listed below
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Exposure controls

Personal protective equipment:	Gloves. Protective clothing. Safety glasses
Materials for protective clothing:	Give good resistance: nitrile rubber
Hand protection:	Gloves
Eye protection:	Not required for normal conditions of use
Skin and body protection:	Protective clothing
Respiratory protection:	Respiratory protection not required in normal conditions



SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Appearance (room temperature):	Clear Liquid
Colour:	White to light yellow
Odour:	Almost odourless
Odour threshold:	No data available
pH:	5-8
Flash point:	> 200°C (ASTM D92)
Decomposition temperature:	> Flash point
Flammability (solid, gas):	No data available
Density:	ca. 0.95
Solubility:	No data available
Melting point:	No data available
Boiling point:	> 250°C
Auto-ignition temperature:	> 300°C
Log Pow	> 5 (estimated)
Explosive properties:	Predicted negative
Oxidising properties:	Product is not oxidising
Explosive limits:	No data available

SECTION 10: Stability and reactivity

Chemical stability:	Stable under normal conditions
Materials to avoid:	
Reactivity:	On burning release of (carbon monoxide- carbon dioxide)



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Conditions to avoid:	No data available
Hazardous decomposition products:	No data available
Hazardous polymerization:	Will not occur
Hazardous reactions:	None

SECTION 11: Toxicological information

Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitisation:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

SECTION 12: Ecological information

Ecotoxicity:	No data available
BOD5 and COD:	No data available
Products of biodegradation:	Possibly hazardous short term degradation product are not likely
Toxicity of products of Biodegradation:	No data available
Special remarks on the products of biodegradation:	No data available

SECTION 13: Disposal considerations

Methods of disposal:	Re-use/recycling of waste highly recommended
Contaminated packaging:	Observe local regulations

SECTION 14: Transport information

DOT:	Class not regulated
IMDG-International Maritime Dangerous Good Code:	Class not regulated
IATA:	Class not regulated

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SECTION 15: Regulation information

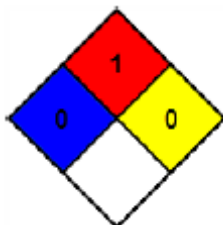
Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulation:	No data available
National regulation:	No data available

SECTION 16: Other information

Training advice:	No supplementary information available
Revision information:	New SDS
Issue date:	16/09/2018
NFPA health hazard:	0-Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials
NFPA fire hazard:	1-Materials that must be preheated before ignition occur
NFPA reactivity:	0-Materials that in themselves are normally stable, even under fire conditions

NFPA image:



Other information:	No supplementary information available
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