NACOL 14 - 98 RSPO-MB

Version: 2.01 **Revision Date 2021/12/20**

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name **NACOL 14 - 98 RSPO-MB**

REACH No. 01-2119485910-33-0000

Substance name (REACH / CLP) Tetradecanol

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use
Cosmetic agent
Raw material for cosmetic products
Personal care
Cosmetic additive

Uses advised against

1.3 Details of the supplier of the safety data sheet

Company
SASOL Germany GmbH
Anckelmannsplatz 1
20537 Hamburg
Germany

Telephone: +49 40 63684-1000
Telefax: +49 40 63684-3700

Information (Product safety):
Telephone: + 49 (0) 23 65 - 49 47 05
Telefax: + 49 (0) 23 65 - 49 92 40
E-mail: msds-info.germany@de.sasol.com

1.4 Emergency telephone number

Emergency telephone number

+44 1235 239670	Europe
+44 1235 239671	Middle East, Africa
+1 215 207 0061	North America, South America
+65 3158 1074	Asia Pacific Region
+44 1865 407333	Global (english)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Eye irritation Category 2	Causes serious eye irritation.
Long-term (chronic) aquatic hazard Category 1	Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

Signal word Warning

Hazard statements

H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P264	Wash skin thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear eye protection/ face protection.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P391	Collect spillage.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is a substance in the meaning of regulation (EC) 1907/2006.

COMPONENTS TO BE NAMED IN ACCORDANCE WITH REGULATION (EC) 1907/2006 AS WELL AS OTHER HAZARDOUS INGREDIENTS AND CONTAINED SUBSTANCES WITH WORK PLACE LIMIT VALUES

tetradecanol

content: >= 90 - <= 100 % **component type:** Active ingredient

EC-No.: 204-000-3 **Index-No.:** **CAS-No.:** 112-72-1
REACH No.: 01-2119485910-33-0000
Substance name (REACH / CLP): tetradecanol

Classification (Regulation (EC) No 1272/2008):	Eye Irrit. 2	H319	
	Aquatic Chronic 1	H410	

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice If you feel unwell, seek medical advice (show the label where possible). Take off all contaminated clothing immediately.

If inhaled Remove from exposure, lie down. If breathing is irregular or stopped, administer artificial respiration. Monitor breathing, give oxygen if necessary. Consult a

physician.

In case of skin contact	Wash off immediately with plenty of water. Consult a physician if necessary.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Protect unharmed eye.
If swallowed	Consult a physician. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Most important symptoms and effects, both acute and delayed	Symptoms: No information available. Risks: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Indication of any immediate medical attention and special treatment needed	Treatment: No information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Water spray, Dry powder, Foam, Carbon dioxide (CO2)

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting	Dangerous gases or fumes may occur in case of fire.

5.3 Advice for firefighters

Special protective equipment for firefighters	Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.
Further information	Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment.
Special precautions	Forms slippery/greasy layers with water.

6.2 Environmental precautions

Environmental precautions	Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	Use mechanical handling equipment. The material taken up must be disposed of in accordance with regulations. Molten form Allow to solidify, use mechanical handling equipment.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling	Wear personal protective equipment.
Advice on protection against fire and explosion	No special protective measures against fire required.
Fire-fighting class	B: Fires involving liquids or liquid containing substances. Also includes substances which become liquid at elevated temperatures.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	No special storage conditions required.
Further information on storage conditions	Protect from frost, heat and sunlight.
Other data	Stable at normal ambient temperature and pressure.

7.3 Specific end use(s)

Specific use(s)	This information is not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS

National occupational exposure limits

Control parameters / Substance name	Typ	Control parameters	Update	Basis
tetradecanol	AGW AGW	178 mg/m3 20 ppm	2013-09-19 2013-09-19	Germany. Occupational Exposure Limit Values - TRGS 900 (AGW)
	AGS: Committee on Hazardous Substances (Germany)Sum of vapor and aerosols.			

Contains no substances with occupational exposure limit values.

EUROPEAN OCCUPATIONAL EXPOSURE LIMITS

No data available

DERIVED NO EFFECT LEVEL (DNEL)

Substance name: tetradecanol			
End Use	**Exposure routes**	**Value**	**Note**
Workers	dermal, Acute/short-term exposure -		No hazard identified

	systemic effects		
	Inhalation, Acute/short-term exposure - systemic effects	220 mg/m3	
	dermal, Acute/short-term exposure - local effects		No hazard identified
	Inhalation, Acute/short-term exposure - local effects		No hazard identified
	dermal, long-term exposure - systemic effects	89 mg/kg	based on body weight and day
	Inhalation, long-term exposure - systemic effects	313 mg/m3	
	dermal, long-term exposure - local effects		No hazard identified
	Inhalation, long-term exposure - local effects	178 mg/m3	
Consumers	dermal, Acute/short-term exposure - systemic effects		No hazard identified
	Inhalation, Acute/short-term exposure - systemic effects		No hazard identified
	Oral, Acute/short-term exposure - systemic effects		No hazard identified
	dermal, Acute/short-term exposure - local effects		No hazard identified
	Inhalation, Acute/short-term exposure - local effects		Not relevant / Not applicable
	dermal, long-term exposure - systemic effects	44.4 mg/kg	based on body weight and day
	Inhalation, long-term exposure - systemic effects	77 mg/m3	
	Oral, long-term exposure - systemic effects	44.4 mg/kg	based on body weight and day
	dermal, long-term exposure - local effects		No hazard identified
	Inhalation, long-term exposure - local effects		No hazard identified
Workers	Eye contact,		Low hazard
Consumers	Eye contact,		Low hazard

PREDICTED NO EFFECT CONCENTRATION (PNEC)

Substance name: tetradecanol		
Environmental Compartment	**Value**	**Note**
Fresh water	0.001 mg/l	
Marine water	0 mg/l	
Sewage treatment plant		No hazard identified
Air		No hazard identified
Fresh water sediment	2.14 mg/kg	based on dry weight
Marine sediment	0.214 mg/kg	based on dry weight
Soil	0.428 mg/kg	based on dry weight
food		No hazard identified

8.2 Exposure controls

ENGINEERING MEASURES

Provide sufficient air exchange and/or exhaust in work rooms.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection

No personal respiratory protective equipment normally required. In inadequately ventilated areas, where workplace limits are exceeded, where unpleasant odours exist or where aerosols are in use, or smoke and mist occur, use self-contained breathing apparatus or breathing apparatus with a type A filter or appropriate combined filter (e.g. where aerosols are in use, or smoke and mist occur, A-P2 or ABEK-P2), in compliance with EN 141.

Hand protection

Material: butyl-rubber
Break through time: >= 480 min
Glove thickness: >= 0.7 mm

Material: Nitrile rubber
Break through time: >= 30 min
Glove thickness: >= 0.4 mm

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature).

Eye protection

Goggles

Skin and body protection

Wear suitable protective equipment.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs.

Protective measures

Avoid contact with eyes.

ENVIRONMENTAL EXPOSURE CONTROLS

General advice	Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	solid; 20 °C; 1,013 hPa
Form	solid
Colour	colourless
Odour	characteristic
Odour Threshold	No data available
pH	Justification:, Not applicable, insoluble
Melting point/range	ca. 36 - 39 °C; DIN 53175
Boiling point/boiling range	ca. 270 - 290 °C; 1,013 hPa
Flash point	ca. 145 °C; DIN EN ISO 2719
Evaporation rate	Not relevant / Not applicable Justification: Solid
Flammability (solid, gas)	not auto-flammable
Lower explosion limit	Not relevant / Not applicable Justification: Solid
Upper explosion limit	Not relevant / Not applicable Justification: Solid
Vapour pressure	< 1.000 hPa; 20 °C
Relative vapour density	Not relevant / Not applicable, Justification: Solid
Density	ca.0.8 g/cm3; 60 °C; DIN 51757
Relative density	No data available
Water solubility	insoluble
Partition coefficient: n-octanol/water	log Pow: 5.5
Ignition temperature	ca. 260 °C; ASTM E 659
Auto-ignition temperature	not auto-flammable
Viscosity, dynamic	ca. 6.4 mPas; 60 °C
Explosive properties	Constituents do not contain chemical groups associated with explosivity.
Oxidizing properties	not expected based on structure and functional groups

9.2 Other data

None known.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Note	Stable at normal ambient temperature and pressure.

10.2 Chemical stability

Note	No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	Incompatible with oxidizing agents. Hazardous decomposition products formed under fire conditions.

10.4 Conditions to avoid

Conditions to avoid	Direct heating, dirt, chemical contamination, sunlight, UV or ionising radiation.

10.5 Incompatible materials to avoid

Materials to avoid	Strong oxidizing agents;

10.6 Hazardous decomposition products

Hazardous decomposition products	No decomposition if stored and applied as directed.
Thermal decomposition	Stable under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity	tetradecanol: LD50 Rat: > 5,000 mg/kg Based on available data, the classification criteria are not met. The substance or mixture has no acute oral toxicity
Acute inhalation toxicity	tetradecanol: LC50 Rat: > 1.5 mg/l; 1 h Based on available data, the classification criteria are not met. The substance or mixture has no acute inhalation toxicity
Acute dermal toxicity	tetradecanol: LD50 Rabbit: > 5,000 mg/kg; Target Organs: Skin Symptoms: Local irritation Based on available data, the classification criteria are not met. The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Skin irritation	tetradecanol: Human: not irritating (literature value) Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Eye irritation	tetradecanol: Rabbit: irritating; OECD Test Guideline 405 Causes serious eye irritation.

Respiratory or skin sensitisation

Sensitisation	tetradecanol: Maximisation Test Guinea pig: not sensitizing; OECD Test Guideline 406 (literature value) Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity in vitro	tetradecanol: In vitro tests did not show mutagenic effects (literature value) Category approach
Genotoxicity in vivo	tetradecanol: In vivo tests did not show mutagenic effects (literature value) Category approach
Remarks	tetradecanol: Based on available data, the classification criteria are not met.

Carcinogenicity

Carcinogenicity	tetradecanol: The substance has been shown to be not genotoxic, therefore it is not expected to have a carcinogenic potential. Category approach

Reproductive toxicity

Reproductive toxicity	tetradecanol: Rat; Oral; 55-day Animal testing did not show any effects on fertility. (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: dodecan-1-ol
RemarksReproductive toxicity	tetradecanol: Based on available data, the classification criteria are not met.
Teratogenicity	tetradecanol: Rat; Oral Did not show teratogenic effects in animal experiments. (literature value) Category approach
Remarks-Teratogenicity	tetradecanol: Based on available data, the classification criteria are not met.

STOT - single exposure

Remarks	tetradecanol: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Remarks	tetradecanol: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Repeated dose toxicity	tetradecanol: Rat; oral feed; 90-day NOAEL: 3,548 mg/kg (based on body weight and day)

(literature value)
The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).
Test substance: Alcohols, C14-15- branched and linear

Aspiration hazard

Aspiration toxicity

tetradecanol:
Not applicable

Toxicological information

tetradecanol:
Toxicokinetics
The substance is poorly absorbed via skin.
The substance is metabolised and excreted.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish

tetradecanol:
LC50 (96 h) Oncorhynchus mykiss (rainbow trout): > 1 mg/l ; semi-static test; OECD Test Guideline 203
(literature value)

Toxicity to fish - Chronic toxicity

tetradecanol:
study scientifically unjustified

Toxicity to daphnia and other aquatic invertebrates

tetradecanol:
Daphnia magna (Water flea) ; semi-static test; OECD Test Guideline 202
In the range of water solubility not toxic under test conditions.
(literature value)

Toxicity to daphnia and other aquatic invertebrates - Chronic toxicity

tetradecanol:
EC10 (21 d) Daphnia magna (Water flea): 0.0063 mg/l; reproduction rate; semi-static test; OECD Test Guideline 211
(literature value)

Toxicity to aquatic plants

tetradecanol:
Desmodesmus subspicatus (green algae) ; Growth rate; static test; In the range of water solubility not toxic under test conditions.
(literature value)

Toxicity to bacteria

tetradecanol:
The substance is not to be considered to be inhibitory to bacteria.
Category approach

Toxicity to soil dwelling organisms

tetradecanol:
LC50 (72 h) Caenorhabditis elegans, Worm (Nematoda): > 1,000 mg/kg; mortality
(literature value)

tetradecanol:
EC50 (7 d) Folsomia candida, Arthropod (Collembola): 530 mg/kg; Immobilization
(literature value)

Toxicity to terrestrial flora

tetradecanol:
No data available

12.2 Persistence and degradability

Biodegradability

tetradecanol:
Readily biodegradable.; > 60 %; 28 d; aerobic; OECD Test Guideline 301B
(literature value)

tetradecanol:
Biodegradable; > 60 %; 56 d; anaerobic
Category approach
(literature value)

12.3 Bioaccumulative potential

Bioaccumulation tetradecanol:
Fish; Bioconcentration factor (BCF): 190 - 1,000; QSAR
Bioaccumulation is unlikely.
(literature value)

12.4 Mobility in soil

Mobility tetradecanol:
Adsorption/Soil/Sewage sludge; Koc: 33983; log Koc: 4.53; OECD Test Guideline 121
(literature value)
immobile
strong adsorption to soil
The substance and its relevant degradation products decompose rapidly.

12.5 Results of PBT and vPvB assessment

Results of PBT assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Results of PBT assessment tetradecanol:
This substance is not considered to be persistent, bioaccumulating and toxic (PBT).
This substance is not considered to be very persistent and very bioaccumulating (vPvB).

12.6 Other adverse effects

General advice tetradecanol:
Very toxic to aquatic life with long lasting effects.

Endocrine disrupting potential The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product Can be incinerated, when in compliance with local regulations.

Waste Code A waste code in accordance with the European Waste Catalogue (EWC) may not be assigned to this product since it admits of a classification only when the consumer uses it for some purpose.
The waste code must be determined in agreement with the regional waste disposal authority or company.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR 3077

RID	3077
ADN	3077
IMDG	3077
ICAO/IATA	3077

14.2 Proper shipping name

ADR	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (tetradecanol)
RID	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (tetradecanol)
ADN	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (tetradecanol)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (tetradecanol)
ICAO/IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (tetradecanol)

14.3 Transport hazard class

ADR	9
RID	9
ADN	9
IMDG	9
ICAO/IATA	9

14.4 Packing group

ADR	III
RID	III
ADN	III
IMDG	III
ICAO/IATA	III

14.5 Environmental hazards

ADR	Environmentally hazardous	yes
RID	Environmentally hazardous	yes
ADN	Environmentally hazardous	yes
IMDG	Marine pollutant	yes
ICAO/IATA	Environmentally hazardous	yes

14.6 Special precautions for user

ADR	Hazard Identification Number		90
	Labels		9
	Tunnel restriction code		(-)
IMDG	Labels 9		
	EmS Number 1	F-A	
	EmS Number 2	S-F	
ICAO/IATA	Labels	9	

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks	No information available.

SECTION 15: REGULATORY INFORMATION

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

Occupational restrictions Employment restrictions for children and young workers in accordance with Directive 94/33/EC and the respective national provisions are to be observed.

NATIONAL/OTHER REGULATIONS

Legislation on the control of major-accident hazards involving dangerous substances

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

list entry in the directive:: ENVIRONMENTAL HAZARDS; E1

Qualifiying quantity 1: 100 t; Qualifiying quantity 2: 200 t;

NOTIFICATION STATUS

Australian Inventory of Industrial Chemicals	ZAU_AIIC	listed (product or constituents are listed)
Canadian Domestic Substances List (DSL)	DSL	listed (product or constituents are listed)
Switzerland. Consolidated Inventory (based on EU-EINECS and EU-NLP)	CH INV	listed (product or constituents are listed)
China. Inventory of Existing Chemical Substances in China (IECSC)	IECSC	listed (product or constituents are listed)
Japan. ENCS - Existing and New Chemical Substances Inventory	ENCS (JP)	listed (product or constituents are listed)
Japan. ISHL - Inventory of Chemical Substances	ISHL (JP)	listed (product or constituents are listed)
Korea. Korean Existing Chemicals Inventory (KECI)	KECI (KR)	listed (product or constituents are listed)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	PICCS (PH)	listed (product or constituents are listed)
Taiwan Chemical Substance Inventory (TCSI)	ZTW_INV	listed (product or constituents are listed)
United States TSCA Inventory	TSCA	listed (product or constituents are listed)

Please note: the names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in chapter 3.

15.2 Chemical safety assessment

tetradecanol

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H319 Causes serious eye irritation.

H410	Very toxic to aquatic life with long lasting effects.

Safety datasheet sections which have been updated:

1. Identification of the substance/mixture and of the company/undertaking

Further information:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.
This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Key or legend to abbreviations and acronyms used in the safety data sheet

ADN	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
AICS	Australian Inventory of Chemical Substances
ANSI	American National Standards Institute
ASTM	American Society of Testing and Materials (US)
BCF	Bioconcentration factor
CLP	Regulation on Classification, Labelling and Packaging of Substances and Mixtures
DIN	Deutsches Institut für Normung
DNEL	Derived No-Effect Level
DSL	Domestic Substances List
EC…	Effect concentration ... %
ENCS	Existing Notified Chemical Substances (Japan)
EWC	European Waste Catalogue
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISHL	Industrial Safety and Health Law (Japan)
ISO	International Organization for Standardization
IUAPC	International Union of Pure and Applied Chemistry
KECI	Korea Existing Chemicals Inventory
LC…	Lethal Concentration, ...%
LD…	Lethal Dose, ...%
MARPOL	International Convention for the Prevention of Pollution From Ships
NDSL	Non-Domestic Substances List
NOAEL	no observable adverse effect level
NOEL/NOEC	No Observed-effect level/concentration
NZIoC	New Zealand Inventory of Chemicals
OECD	Organisation for Economic Co-operation and Development
PBT	persistent, bioaccumulative, toxic
PICCS	Philippine Inventory of Chemicals and Chemical Substances
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport international ferroviaire de marchandises dangereuses
TG	Test Guideline
TRGS	Technische Regeln für Gefahrstoffe
TSCA	Toxic Substances Control Act
vPvB	very persistent, very bioaccumulative
WGK	Wassergefährdungsklasse

Annex

Attachments to the safety data sheet and/or lists of the identified uses for the listed substances can be downloaded using the internet links below.

tetradecanol

http://www.sasolgermany.de/fileadmin/doc/productsafety/Annex/000000000101_EN_01.pdf