### Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations Issue date:24/01/2017 Revision date:25/11/2022 Supersedes:25/02/2019 Version: 1.3 SDS No: 00359-1291



### **SECTION 1: Product identifier**

#### 1.1. GHS Product identifier

Product form : Mixture

Product name : ESKANOL ACCELERATOR NL 23
Product code : 10087, 10088, 10089, 10090

# 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Accelerator

### 1.4. Details of manufacturer or importer

Supplier Importer

TIP TOP Oberflaechenschutz Elbe GmbH REMA TIP TOP Australia Pty Ltd.

4 Heuweg 3/20 Worth Street
Wittenberg 6886 Chullora NSW 2190
Germany Australia

Germany Australia
T +49(0)3491/635-50 - F +49(0)3491/635-552 T +61 2 8755 8400

www.rema-tiptop.com.au

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

#### 1.5. Emergency phone number

Emergency number : +61-280735031, Infotrac/GBK GmbH-ID: 93591

### **SECTION 2: Hazard identification**

### 2.1. Classification of the hazardous chemical

### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 4

Serious eye damage/eye irritation, Category 2A

Skin sensitisation, Category 1

Carcinogenicity, Category 2

H351

Reproductive toxicity, Category 1B

Hazardous to the aquatic environment – Chronic Hazard, Category 3

H412

# 2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :





Exclamation Health hazard

mark

Signal word (GHS AU) : Danger

Contains : 2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (60 - 70 %); Cobalt bis(2-ethylhexanoate) (10 -

20 %); N,N-dimethylaniline ( $\geq 5 - < 10$  %); Xylene (mixed isomers) ( $\geq 5 - < 10$  %); 2,6-ditert-butyl-p-cresol (0,1 - 1 %); naphthenic acids, copper salts; copper naphthenate (0,1 - 1

%)

Hazard statements (GHS AU) : H227 - Combustible liquid

H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H351 - Suspected of causing cancer

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Precautionary statements (GHS AU)

H360 - May damage fertility. Suspected of damaging the unborn child.

H412 - Harmful to aquatic life with long lasting effects

: P261 - Avoid breathing vapours.

P264 - Wash hands thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

 ${\tt P280 - Wear \ protective \ gloves/protective \ clothing/eye \ protection/face \ protection/hearing \ protection.}$ 

P281 - Use personal protective equipment as required.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P391 - Collect spillage.

P405 - Store locked up.

P501 - Dispose of Dispose of contents/container in accordance with local and national regulations to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

# SECTION 3: Composition and information on ingredients

Comments : Mixture of the substances listed below with nonhazardous additives.

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	60 - 70	Repr. 2, H361 Aquatic Chronic 3, H412
Cobalt bis(2-ethylhexanoate)	136-52-7	10 - 20	Eye Irrit. 2A, H319 Skin Sens. 1A, H317 Repr. 1B, H360 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
N,N-dimethylaniline	121-69-7	≥ 5 - < 10	Carc. 2, H351 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 Aquatic Chronic 2, H411
Xylene (mixed isomers)	1330-20-7	≥ 5 - < 10	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
2,6-di-tert-butyl-p-cresol	128-37-0	0,1 - 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
naphthenic acids, copper salts; copper naphthenate	1338-02-9	0,1 - 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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### **SECTION 4: First aid measures**

### 4.1. Description of necessary first-aid measures

First-aid measures general : Remove immediately contaminated clothing. In the event of persistent symptoms receive medical treatment. Symptoms of poisoning may not appear for several hours. Keep under

medical supervision for at least 48 hours.

First-aid measures after inhalation : Move to fresh air in case of accidental inhalation of vapours or decomposition products. In

the event of symptoms refer for medical treatment.

First-aid measures after skin contact : Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye

irritation persists: Get medical advice/attention.

: Do not induce vomiting without medical advice. Drink plenty of water or milk. Never give First-aid measures after ingestion

anything by mouth to an unconscious person. Call a physician immediately.

### 4.2. Symptoms caused by exposure

Symptoms/effects after skin contact May cause an allergic skin reaction.

Symptoms/effects after eye contact Causes serious eye irritation.

Chronic symptoms Suspected of causing cancer. May damage fertility. Suspected of damaging the unborn

child.

#### 4.3. Medical attention and special treatment

Treatment : Treat symptomatically.

### **SECTION 5: Fire-fighting measures**

### 5.1. Extinguishing media

: Water spray. Dry powder. Foam. Carbon dioxide. Suitable extinguishing media

Unsuitable extinguishing media : high volume water jet.

### 5.2. Specific hazards arising from the chemical

General measures : In case of vapour formation use adequate respirator. Ensure adequate ventilation. Use

personal protective clothing.

Hazardous decomposition products in case of fire : Fire may produce: Carbon monoxide. Carbon dioxide.

## 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Cool adjacent tanks / containers / drums with water jet. Fire residues and contaminated

firefighting water must be disposed of in accordance with the local regulations.

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

Other information Cool containers at risk with water spray jet. Fire residues and contaminated firefighting

water must be disposed of in accordance with the local regulations.

### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : In case of vapour formation use adequate respirator. Ensure adequate ventilation. Use

personal protective clothing.

6.1.1. For non-emergency personnel

**Emergency procedures** : Only qualified personnel equipped with suitable protective equipment may intervene. Avoid

breathing vapours.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

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### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Clean contaminated surface thoroughly.

### 6.3. Methods and materials for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica

gel). Sweep or shovel spills into appropriate container for disposal.

# **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not

> handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapours. Keep

container tightly closed.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed in a dry, cool and well-ventilated place. Keep out of direct

sunlight.

Incompatible materials : oxidizing materials.

: 5 - 30 °C Storage temperature

Information on mixed storage : Keep away from food, drink and animal feeding stuffs.

### **SECTION 8: Exposure controls and personal protection**

### 8.1. Control parameters - exposure standards

N,N-dimethylaniline (121-69-7)		
Australia - Occupational Exposure Limits		
Local name	N,N-Dimethylaniline	
OES TWA [1]	25 mg/m³	
OES TWA [2]	5 ppm	
OES STEL	50 mg/m³	
OES STEL [ppm]	10 ppm	
Remark (AU)	Carcinogenicity Category 2 – Suspected human carcinogen. The classification of a chemical into this category is on the basis of evidence from human and animal studies, where the evidence is not sufficiently convincing to place the chemical into Category 1 or from limited evidence of carcinogenicity in human or animal studies; Sk - Absorption through the skin may be a significant source of exposure.	
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)	
Xylene (mixed isomers) (1330-20-7)		
Australia - Occupational Exposure Limits		
OES TWA [1]	350 mg/m³	
OES TWA [2]	80 ppm	
OES STEL	655 mg/m³	
OES STEL [ppm]	150 ppm	

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2,6-di-tert-butyl-p-cresol (128-37-0)	
Australia - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
OES TWA [1]	10 mg/m³
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)

### 8.2. Biological Monitoring

Monitoring methods : A specific exposure sampling method is not available.

### 8.3. Engineering controls

: Ensure good ventilation of the work station. Appropriate engineering controls

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Select the appropriate glove material adhering to the breakthrough time, permeation rate and the degradation. Choosing the proper glove is a decision that depends not only on the

type of material, but also on other quality features, which differ for each manufacturer

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Butyl rubber				
Chemically resistant protective gloves	Fluoroelastomer (FKM)				
Chemically resistant protective gloves	Nitrile rubber (NBR)				

Eye protection : Tightly fitting goggles (EN 166). Eyewash bottle with clean water (EN 15154)

Skin and body protection

Appearance

Type Standard EN ISO 6530 Long sleeved protective clothing

Respiratory protection : [In case of inadequate ventilation] wear respiratory protection.

Device	Filter type	Condition	Standard
Breathing equipment	Type A - High-boiling (>65 °C) organic compounds	In the event of insufficient ventilation:	EN 14387

Environmental exposure controls : Avoid release to the environment.

Other information : Do not inhale vapour. Wash hands before breaks and at the end of workday. Wash hands

immediately after handling the product. Do not eat, drink or smoke during use. Avoid contact

with skin, eyes and clothing.

No data available

### **SECTION 9: Physical and chemical properties**

Physical state

Colour Purple Odour characteristic Odour threshold : No data available

: No data available рΗ Relative evaporation rate (butylacetate=1) : No data available Melting point / Freezing point : No data available Boiling point : No data available

Flash point : 67 °C

Auto-ignition temperature : No data available Flammability (solid, gas) : No data available : No data available Vapour pressure

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Relative density : No data available

: Density: 0.956 g/cm3 @20°C Density Solubility : Not miscible. at 20 °C. Log Pow : No data available Viscosity, dynamic : 6 mPa.s @20°C

Explosive properties : Product is not explosive. May form flammable/explosive vapour-air mixture.

Oxidising properties : Non oxidizing : No data available Explosive limits : No data available Minimum ignition energy

VOC content : 0%

Fat solubility : No data available

Additional information : Solvent content : < 10%. Solvent separation test (%) 0

# **SECTION 10: Stability and reactivity**

: No decomposition if stored and applied as directed. Reactivity

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : oxidizing materials.

: To avoid thermal decomposition, do not overheat. Keep out of direct sunlight. Conditions to avoid

Incompatible materials : Strong oxidizing agent.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not

be produced.

### **SECTION 11: Toxicological information**

Acute toxicity (oral) Not classified Acute toxicity (dermal) Not classified Acute toxicity (inhalation) : Not classified

Xylene (mixed isomers) (1330-20-7)	
LD50 dermal	1700 mg/kg
LC50 Inhalation - Rat (Vapours)	27.57 mg/l/4h

# 2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (6846-50-0)

> 3200 mg/kg LD50 oral rat

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation. Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity Suspected of causing cancer.

Reproductive toxicity May damage fertility. Suspected of damaging the unborn child.

STOT-single exposure : Not classified

Xylene (mixed isomers) (1330-20-7)	
STOT-single exposure	May cause respiratory irritation.

: Not classified STOT-repeated exposure

Xylene (mixed isomers) (1330-20-7)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

# **SECTION 12: Ecological information**

## 12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term : Not classified

(acute)

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Hazardous to the aquatic environment, long-term

(chronic)

: Harmful to aquatic life with long lasting effects.

Other information : Do not flush into surface water or sewer system.

	20 not made mile during the control of contr	
Xylene (mixed isomers) (1330-20-7)		
LC50 fish 1	3.3 mg/l	
EC50 Daphnia 1	7.4 mg/l	
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (6846-50-0)		
LC50 fish 1	> 1.55 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 Daphnia 1	> 1.46 mg/l (Exposure time: 48 h - Species: Daphnia magna)	

### 12.2. Persistence and degradability

### Xylene (mixed isomers) (1330-20-7)

Not rapidly degradable

# 2,6-di-tert-butyl-p-cresol (128-37-0)

Not rapidly degradable

### naphthenic acids, copper salts; copper naphthenate (1338-02-9)

Not rapidly degradable

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

# 12.5. Other adverse effects

: Not classified

: Endangering to drinking water Other adverse effects

Other adverse effects :	Endangering to drinking water.	
ESKANOL ACCELERATOR NL 23		
Fluorinated greenhouse gases	False	
Cobalt bis(2-ethylhexanoate) (136-52-7)		
Fluorinated greenhouse gases	False	
N,N-dimethylaniline (121-69-7)		
Fluorinated greenhouse gases	False	
Xylene (mixed isomers) (1330-20-7)		
Fluorinated greenhouse gases	False	
2,6-di-tert-butyl-p-cresol (128-37-0)		
Fluorinated greenhouse gases	False	
naphthenic acids, copper salts; copper naphthenate (1338-02-9)		
Fluorinated greenhouse gases	False	
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (6846-50-0)		
Fluorinated greenhouse gases	False	

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# **SECTION 13: Disposal considerations**

: Can be incinerated according to local regulations. Where possible recycling is preferred to Waste treatment methods

disposal. Dispose of contents/container in accordance with licensed collector's sorting

instructions.

Product/Packaging disposal recommendations Contaminated packagings are to be treated like the product itself. Contaminated packaging

should be emptied as far as possible and after appropriate cleansing may be taken for

reuse. Packaging that cannot be cleaned should be disposed of like the product.

## **SECTION 14: Transport information**

### 14.1. UN number

UN-No. (ADG) : Not applicable UN-No. (IMDG) Not applicable UN-No. (IATA) Not applicable

### 14.2. UN Proper Shipping Name

Proper Shipping Name (ADG) : Not applicable Proper Shipping Name (IMDG) : Not applicable Proper Shipping Name (IATA) : Not applicable

### 14.3. Transport hazard class(es)

Transport hazard class(es) (ADG) : Not applicable

**IMDG** 

Transport hazard class(es) (IMDG) : Not applicable

Transport hazard class(es) (IATA) : Not applicable

### 14.4. Packing group

Packing group (ADG) : Not applicable Packing group (IMDG) : Not applicable Packing group (IATA) : Not applicable

### 14.5. Environmental hazards

Marine pollutant Dangerous for the environment : No

Other information : No supplementary information available

## 14.6. Special precautions for user

Specific storage requirement : No data available Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

### Transport by road and rail

Not applicable

# Transport by sea

Not applicable

### Air transport

Not applicable

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## 14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

# **SECTION 15: Regulatory information**

### 15.1. Safety, health and environmental regulations specific for the product in question

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS : All the chemicals contained in this product are listed introductions

Inventory) status

### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Relevant Poisons Schedule number

: Labelling requirements for SUSMP do not apply to a poison that is packed and sold solely for industrial, laboratory or manufacturing use. However, this product is labelled in accordance with the Safe Work Australia "Code of Practice" for workplace substances.

### 15.2. International agreements

No additional information available

### **SECTION 16: Other information**

Abbreviations and acronyms

: ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IATA - International Air Transport Association IMDG - International Maritime Dangerous Goods

RID - Regulations concerning the International Carriage of Dangerous Goods by Rail

**DOT - Department of Transport** 

TDG - Transportation of Dangerous Goods

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

GHS - Globally Harmonized System of Classification, Labelling and Packaging of Chemicals

IARC - International Agency for Research on Cancer vPvB - Very Persistent and Very Bioaccumulative

PRT - Persistent Bioaccumulative Toxic PNEC - Predicted No-Effect Concentration CAS - CAS (Chemical Abstracts Service) number

IBC-Code - International Code for the Construction and Equipment of Ships carrying

Dangerous Chemicals in Bulk ATE - Acute Toxicity Estimate

CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

BCF - Bioconcentration factor

MARPOL 73/78 - MARPOL 73/78: International Convention for the Prevention of Pollution

From Ships

ADG - Transport of Australian Dangerous Goods

product(s) as defined by the legal warranty regulations.

Revision date 25/11/2022 Other information

: Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the

Classification	
Flam. Liq. 4	H227
Eye Irrit. 2A	H319

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Skin Sens. 1	H317
Carc. 2	H351
Repr. 1B	H360
Aquatic Chronic 3	H412

Full text of H-statements	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Liq. 4	Flammable liquids, Category 4
Repr. 1B	Reproductive toxicity, Category 1B
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour
H227	Combustible liquid
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H331	Toxic if inhaled

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Full text of H-statements	
H332	Harmful if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.