ESKANOL BESCHLEUNIGER NL 23

Safety Data Sheet

according to the Model Work Health and Safety Regulations

Date of issue:25/02/2019 Revision date:25/02/2019 Version: 1.2

SDS No: 00359-1291

SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product form : Mixture

Product name : ESKANOL BESCHLEUNIGER 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. Supplier's details

Supplier
TIP TOP Oberflaechenschutz Elbe GmbH
4 Heuweg
6886 Wittenberg - Germany
T +49(0)3491/635-50 - F +49(0)3491/635-552

Importer
REMA TIP TOP Australia Pty Ltd.
3 - 7 Ironbark Close
Warabrook NSW 2304 - Australia
T Telephone:
+61-2-4935-0200
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: Hazards identification

2.1. Classification of the hazardous chemical

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

Flammable liquids, Category 4	H227
Serious eye damage/eye irritation, Category 2A	H319
Skin sensitisation, Category 1	H317
Carcinogenicity, Category 2	H351
Reproductive toxicity, Category 1B	H360
Hazardous to the aquatic environment — Chronic Hazard, Category 3	H412

2.2. Label elements

Hazard pictograms (GHS AU) :

Signal word (GHS AU) : Danger

Contains : Cobalt bis(2-ethylhexanoate) (10 - 20 %); N,N-dimethylaniline (5 - 10 %)

Hazard statements (GHS AU) : H227 - Combustible liquid
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H351 - Suspected of causing cancer.
H360 - May damage fertility. Suspected of damaging the unborn child..
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (GHS AU) : 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
P280 - Wear protective gloves/protective clothing/eye protection/face 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 contents/container to in accordance with local and national regulations

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

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	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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

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

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

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

Symptoms/effects after eye contact : Eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

Unsuitable extinguishing media : high volume water jet.

5.2. Special hazards arising from the substance or mixture

No additional information available

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

SECTION 7: Handling and storage, including how the chemical may be safely used

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.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Incompatible materials : oxidizing materials.

Storage temperature : 5 - 30 °C

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

N,N-dimethylaniline (121-69-7)	
Australia - Occupational Exposure Limits	
Local name	N,N-Dimethylaniline
TWA (mg/m³)	25 mg/m³
TWA (ppm)	5 ppm
STEL (mg/m³)	50 mg/m³
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 (2018)

Xylene (1330-20-7)	
Australia - Occupational Exposure Limits	
TWA (mg/m³)	350 mg/m³
TWA (ppm)	80 ppm
STEL (mg/m³)	655 mg/m³
STEL (ppm)	150 ppm

2,6-di-tert-butyl-p-cresol (128-37-0)	
Australia - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
TWA (mg/m³)	10 mg/m³
Regulatory reference	Workplace exposure standards for airborne contaminants (2018)

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

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

8.4. Personal protective equipment

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

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
protective gloves	Butyl rubber		0,7		

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

Skin and body protection : Long sleeved protective clothing. EN ISO 6530

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

Device	Filter type	Condition	Standard
Breathing equipment	Type A	In the event of insufficient ventilation:	

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Liquid
Appearance : No data available
Colour : Purple
Odour : characteristic
Odour threshold : No data available
pH : No data available
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
Vapour pressure : No data available
Relative density : No data available
Density : Density : 0.956 g/cm³
Solubility : Not miscible.
Log Pow : No data available
Viscosity, dynamic : 6 mPa·s
Explosive properties : Product is not explosive. May form flammable/explosive vapour-air mixture.
Explosive limits : No data available
Minimum ignition energy : No data available
Fat solubility : No data available
Additional information : Solvent content : < 10%

SECTION 10: Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.The product is non-reactive under normal conditions of use, storage and transport
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.
Conditions to avoid : To avoid thermal decomposition, do not overheat. Keep out of direct sunlight.
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 : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Xylene (1330-20-7)	
LD50 dermal	1700 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	27.57 mg/l/4h

2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (6846-50-0)	
LD50 oral rat	> 3200 mg/kg

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
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general : Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity : Not classified
Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Xylene (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 (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

Ozone : Not classified
Other adverse effects : No additional information available

ESKANOL BESCHLEUNIGER 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 (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

SECTION 13: Disposal considerations

Waste treatment methods : 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

ADG	IMDG	IATA
14.2. UN proper shipping name		
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
	Marine pollutant : No	

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

14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

SECTION 15: Regulatory information

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

National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

Australian Inventory of Chemical Substances (AICS) status : All the chemicals contained in this product are listed on the AICS

15.2. International agreements

No additional information available

SECTION 16: Any other relevant 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 PBT - 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
Revision date	:	25/02/2019
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 product(s) as defined by the legal warranty regulations.

Classification:

Flam. Liq. 4	H227
Eye Irrit. 2A	H319
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.
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 not therefore be construed as guaranteeing any specific property of the product.