

SCORE 250 EC

Version 1.1 Revision Date: 2023/08/25 SDS Number: S1223543 Date of last issue: 2018/09/18
Date of first issue: 2018/09/18

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SCORE 250 EC

Design code : A7402A

Manufacturer or supplier's details

Company : PT. Syngenta Indonesia

Address : CIBIS Nine Lantai 6, Jl. TB. Simatupang No.2
12560 Jakarta
Indonesia

Telephone : (62-21) 3042 1000

Emergency telephone number : (62-21) 5735175

Telefax : (62-21) 8068 2838

Recommended use of the chemical and restrictions on use

Recommended use : Fungicide

2. HAZARDS IDENTIFICATION

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Solvent naphtha (petroleum), heavy arom.; Kerosine — unspecified	64742-94-5	>= 30 -< 60
difenoconazole	119446-68-3	>= 10 -< 25
naphthalene	91-20-3	>= 2,5 -< 10
calcium bis(dodecylbenzenesulphonate), branched	68953-96-8	>= 3 -< 10
amines, coco alkyl, ethoxylated	61791-14-8	>= 2,5 -< 10
2-methylpropan-1-ol	78-83-1	>= 1 -< 3
mesitylene	108-67-8	>= 0,25 -< 2,5
1,2,4-trimethylbenzene	95-63-6	>= 0,25 -< 2,5
cumene	98-82-8	>= 0,25 -< 2,5

4. FIRST AID MEASURES

SCORE 250 EC

Version 1.1	Revision Date: 2023/08/25	SDS Number: S1223543	Date of last issue: 2018/09/18 Date of first issue: 2018/09/18
----------------	------------------------------	-------------------------	---

- General advice : Have the product container, label or Safety Data Sheet with you when calling the emergency number, a poison control center or physician, or going for treatment.
- If inhaled : Move the victim to fresh air.
If breathing is irregular or stopped, administer artificial respiration.
Keep patient warm and at rest.
Call a physician or poison control centre immediately.
- In case of skin contact : Take off all contaminated clothing immediately.
Wash off immediately with plenty of water.
If skin irritation persists, call a physician.
Wash contaminated clothing before re-use.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses.
Immediate medical attention is required.
- If swallowed : If swallowed, seek medical advice immediately and show this container or label.
Do not induce vomiting: contains petroleum distillates and/or aromatic solvents.
- Most important symptoms and effects, both acute and delayed : Aspiration may cause pulmonary oedema and pneumonitis.
- Notes to physician : There is no specific antidote available.
Treat symptomatically.
Do not induce vomiting: contains petroleum distillates and/or aromatic solvents.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Extinguishing media - small fires
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Extinguishing media - large fires
Alcohol-resistant foam
- Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.
- Specific hazards during fire-fighting : As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10).
Exposure to decomposition products may be a hazard to health.
Flash back possible over considerable distance.
- Specific extinguishing methods : Do not allow run-off from fire fighting to enter drains or water courses.
Cool closed containers exposed to fire with water spray.
- Special protective equipment for firefighters : Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protection : Refer to protective measures listed in sections 7 and 8.

SCORE 250 EC

Version 1.1	Revision Date: 2023/08/25	SDS Number: S1223543	Date of last issue: 2018/09/18 Date of first issue: 2018/09/18
----------------	------------------------------	-------------------------	---

- tive equipment and emergency procedures
- Keep people away from and upwind of spill/leak.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Remove all sources of ignition.
Pay attention to flashback.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Clean contaminated surface thoroughly.
Clean with detergents. Avoid solvents.
Retain and dispose of contaminated wash water.

7. HANDLING AND STORAGE

- Advice on safe handling : Avoid contact with skin and eyes.
When using do not eat, drink or smoke.
Use only in an area containing flame proof equipment.
Take precautionary measures against static discharges.
For personal protection see section 8.
- Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep out of the reach of children.
Keep away from combustible material.
Keep in an area equipped with sprinklers.
Keep away from food, drink and animal feedingstuffs.
No smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Solvent naphtha (petroleum), heavy arom.; Kerosine — unspecified	64742-94-5	TWA	100 mg/m ³	Supplier
		TWA	200 mg/m ³ (total hydrocarbon vapor)	ACGIH
difenoconazole	119446-68-3	TWA	5 mg/m ³	Syngenta
naphthalene	91-20-3	NAB	10 ppm	ID OEL
	Further information: Confirmed animal carcinogen., Skin			
		TWA	10 ppm	ACGIH
2-methylpropan-1-ol	78-83-1	NAB	50 ppm 152 mg/m ³	ID OEL

SCORE 250 EC

Version 1.1 Revision Date: 2023/08/25 SDS Number: S1223543 Date of last issue: 2018/09/18
Date of first issue: 2018/09/18

mesitylene	108-67-8	TWA NAB	50 ppm 25 ppm 123 mg/m ³	ACGIH ID OEL
		TWA	10 ppm	ACGIH
1,2,4-trimethylbenzene	95-63-6	NAB	25 ppm 123 mg/m ³	ID OEL
		TWA	25 ppm	ACGIH
		TWA	10 ppm	ACGIH
cumene	98-82-8	NAB	50 ppm 246 mg/m ³	ID OEL
		TWA	5 ppm	ACGIH

Engineering measures : Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated.

The extent of these protection measures depends on the actual risks in use.

Maintain air concentrations below occupational exposure standards.

Where necessary, seek additional occupational hygiene advice.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

Material : Nitrile rubber
Break through time : > 480 min
Glove thickness : 0,5 mm

Remarks : Wear protective gloves. 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. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection : Always wear eye protection when the potential for inadvertent eye contact with the product cannot be excluded.
Tightly fitting safety goggles
Face-shield

Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

SCORE 250 EC

Version	Revision Date:	SDS Number:	Date of last issue: 2018/09/18
1.1	2023/08/25	S1223543	Date of first issue: 2018/09/18

Protective measures : Remove and wash contaminated clothing before re-use.
Wear as appropriate:
Impervious clothing
: The use of technical measures should always have priority over the use of personal protective equipment.
When selecting personal protective equipment, seek appropriate professional advice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : yellowish to dark brown

Odour : No data available

Odour Threshold : No data available

pH : No data available

Melting point/range : No data available

Boiling point/boiling range : > 170 °C

Flash point : 54 °C

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Density : 1,008 g/cm³ (25 °C)

Solubility(ies)

 Water solubility : No data available

 Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

SCORE 250 EC

Version	Revision Date:	SDS Number:	Date of last issue: 2018/09/18
1.1	2023/08/25	S1223543	Date of first issue: 2018/09/18

Decomposition temperature : No data available

Viscosity
Viscosity, kinematic : No data available

Explosive properties : No data available

Oxidizing properties : No data available

Particle size : No data available

10. STABILITY AND REACTIVITY

Reactivity : None reasonably foreseeable.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.

Conditions to avoid : No decomposition if used as directed.

Incompatible materials : None known.

Hazardous decomposition products : No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Ingestion
Inhalation
Skin contact
Eye contact

Acute toxicity**Product:**

Acute oral toxicity : LD50 (Rat, male and female): 3.442 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5,4 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Components:**difenoconazole:**

Acute oral toxicity : LD50 (Rat, male and female): 1.453 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): > 3.300 mg/m3
Exposure time: 4 h

SCORE 250 EC

Version 1.1	Revision Date: 2023/08/25	SDS Number: S1223543	Date of last issue: 2018/09/18 Date of first issue: 2018/09/18
----------------	------------------------------	-------------------------	---

Test atmosphere: dust/mist
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2.010 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

naphthalene:

Acute oral toxicity : Assessment: The component/mixture is moderately toxic after single ingestion.

calcium bis(dodecylbenzenesulphonate), branched:

Acute dermal toxicity : LD50 (Rat, male and female): > 1.000 - 1.600 mg/kg

amines, coco alkyl, ethoxylated:

Acute oral toxicity : LD50 (Rat): 1.700 mg/kg

2-methylpropan-1-ol:

Acute oral toxicity : LD50 (Rat): 2.830 - 3.350 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 24,6 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2.000 - 2.460 mg/kg

1,2,4-trimethylbenzene:

Acute inhalation toxicity : Assessment: The component/mixture is moderately toxic after short term inhalation.

Skin corrosion/irritation

Product:

Species : Rabbit
Result : No skin irritation

Components:

difenoconazole:

Species : Rabbit
Result : No skin irritation

calcium bis(dodecylbenzenesulphonate), branched:

Result : Irritating to skin.

SCORE 250 EC

Version 1.1	Revision Date: 2023/08/25	SDS Number: S1223543	Date of last issue: 2018/09/18 Date of first issue: 2018/09/18
----------------	------------------------------	-------------------------	---

2-methylpropan-1-ol:

Result : Irritating to skin.

1,2,4-trimethylbenzene:

Assessment : Irritating to skin.

Serious eye damage/eye irritation**Product:**

Species	: Rabbit
Result	: Risk of serious damage to eyes.

Components:**difenoconazole:**

Species	: Rabbit
Result	: Irritation to eyes, reversing within 7 days

calcium bis(dodecylbenzenesulphonate), branched:

Result : Risk of serious damage to eyes.

amines, coco alkyl, ethoxylated:

Species	: Rabbit
Result	: Irritation to eyes, reversing within 21 days

2-methylpropan-1-ol:

Result : Risk of serious damage to eyes.

mesitylene:

Species	: Rabbit
Result	: Mild eye irritation
Exposure time	: 24 h
Assessment	: Irritating to eyes.

1,2,4-trimethylbenzene:

Assessment : Irritating to eyes.

Respiratory or skin sensitisation**Product:**

Species	: Guinea pig
Result	: Did not cause sensitisation on laboratory animals.

Components:**difenoconazole:**

Species : Guinea pig

SCORE 250 EC

Version 1.1	Revision Date: 2023/08/25	SDS Number: S1223543	Date of last issue: 2018/09/18 Date of first issue: 2018/09/18
----------------	------------------------------	-------------------------	---

Result : Did not cause sensitisation on laboratory animals.

2-methylpropan-1-ol:

Species : Guinea pig
 Result : Did not cause sensitisation on laboratory animals.
 Remarks : Information given is based on data obtained from similar substances.

Germ cell mutagenicity

Components:

difenoconazole:

Germ cell mutagenicity - Assessment : Animal testing did not show any mutagenic effects.

Carcinogenicity

Components:

difenoconazole:

Carcinogenicity - Assessment : Weight of evidence does not support classification as a carcinogen

naphthalene:

Carcinogenicity - Assessment : Limited evidence of carcinogenicity in animal studies

Reproductive toxicity

Components:

difenoconazole:

Reproductive toxicity - Assessment : No toxicity to reproduction

STOT - single exposure

Components:

difenoconazole:

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

2-methylpropan-1-ol:

Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.
 The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

SCORE 250 EC

Version 1.1	Revision Date: 2023/08/25	SDS Number: S1223543	Date of last issue: 2018/09/18 Date of first issue: 2018/09/18
----------------	------------------------------	-------------------------	---

mesitylene:

Assessment : May cause respiratory irritation.

1,2,4-trimethylbenzene:

Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

cumene:

Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

STOT - repeated exposure**Components:****difenoconazole:**

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity**Components:****Solvent naphtha (petroleum), heavy arom.; Kerosine — unspecified:**

May be fatal if swallowed and enters airways.

2-methylpropan-1-ol:

May be harmful if swallowed and enters airways.

1,2,4-trimethylbenzene:

May be fatal if swallowed and enters airways.

cumene:

May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 3,2 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 5,4 mg/l
Exposure time: 48 h

SCORE 250 EC

Version 1.1	Revision Date: 2023/08/25	SDS Number: S1223543	Date of last issue: 2018/09/18 Date of first issue: 2018/09/18
----------------	------------------------------	-------------------------	---

Toxicity to algae/aquatic plants : ErC50 (Raphidocelis subcapitata (freshwater green alga)): 5,1 mg/l
Exposure time: 72 h

EC10 (Raphidocelis subcapitata (freshwater green alga)): 0,94 mg/l
End point: Growth rate
Exposure time: 72 h

NOEC (Raphidocelis subcapitata (freshwater green alga)): 1 mg/l
End point: Growth rate
Exposure time: 72 h

Components:

Solvent naphtha (petroleum), heavy arom.; Kerosine — unspecified:

Ecotoxicology Assessment

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

difenoconazole:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 1,1 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,77 mg/l
Exposure time: 48 h

EC50 (Americamysis): 0,15 mg/l
Exposure time: 96 h

Toxicity to algae/aquatic plants : EC10 (Navicula pelliculosa (Freshwater diatom)): 0,0697 mg/l
End point: Growth rate
Exposure time: 72 h

ErC50 (Desmodesmus subspicatus (green algae)): 0,0876 mg/l
Exposure time: 72 h

EC10 (Desmodesmus subspicatus (green algae)): 0,015 mg/l
End point: Growth rate
Exposure time: 72 h

M-Factor (Acute aquatic toxicity) : 10

Toxicity to fish (Chronic toxicity) : EC10 (Pimephales promelas (fathead minnow)): 0,01298 mg/l
Exposure time: 34 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC10 (Daphnia magna (Water flea)): 0,0078 mg/l
Exposure time: 21 d

EC10 (Americamysis): 0,00572 mg/l
Exposure time: 28 d

SCORE 250 EC

Version	Revision Date:	SDS Number:	Date of last issue: 2018/09/18
1.1	2023/08/25	S1223543	Date of first issue: 2018/09/18

M-Factor (Chronic aquatic toxicity) : 10
Toxicity to microorganisms : EC50 (activated sludge): > 100 mg/l
Exposure time: 3 h

naphthalene:**Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.
Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

calcium bis(dodecylbenzenesulphonate), branched:**Ecotoxicology Assessment**

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

amines, coco alkyl, ethoxylated:**Ecotoxicology Assessment**

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

2-methylpropan-1-ol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 1.430 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 1.100 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Raphidocelis subcapitata (freshwater green alga)): 1.799 mg/l
Exposure time: 72 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 20 mg/l
Exposure time: 21 d

mesitylene:

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 6 mg/l
Exposure time: 48 h

Ecotoxicology Assessment

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

1,2,4-trimethylbenzene:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 7,72 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 3,6 mg/l

SCORE 250 EC

Version 1.1	Revision Date: 2023/08/25	SDS Number: S1223543	Date of last issue: 2018/09/18 Date of first issue: 2018/09/18
----------------	------------------------------	-------------------------	---

aquatic invertebrates Exposure time: 48 h

Ecotoxicology Assessment

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

cumene:**Ecotoxicology Assessment**

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

Persistence and degradability**Components:****difenoconazole:**

Biodegradability : Result: Not readily biodegradable.

Stability in water : Degradation half life: 1 d
Remarks: Product is not persistent.

2-methylpropan-1-ol:

Biodegradability : Result: Readily biodegradable.

Bioaccumulative potential**Components:****difenoconazole:**

Bioaccumulation : Remarks: Does not bioaccumulate.

Partition coefficient: n-
octanol/water : log Pow: 4,4 (25 °C)

Mobility in soil**Components:****difenoconazole:**

Distribution among environ-
mental compartments : Remarks: Slightly mobile in soils

Stability in soil : Dissipation time: 122 d
Percentage dissipation: 50 % (DT50)
Remarks: Product is not persistent.

Other adverse effects**Components:****difenoconazole:**

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

SCORE 250 EC

Version 1.1	Revision Date: 2023/08/25	SDS Number: S1223543	Date of last issue: 2018/09/18 Date of first issue: 2018/09/18
----------------	------------------------------	-------------------------	---

naphthalene:

Results of PBT and vPvB assessment : 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).

2-methylpropan-1-ol:

Results of PBT and vPvB assessment : 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).

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.
Do not dispose of waste into sewer.
Where possible recycling is preferred to disposal or incineration.
If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging : Empty remaining contents.
Triple rinse containers.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number : UN 1993
Proper shipping name : FLAMMABLE LIQUID, N.O.S.
(ISOBUTANOL, DIFENOCONAZOLE)
Class : 3
Packing group : III
Labels : 3
Environmentally hazardous : no

IATA-DGR

UN/ID No. : UN 1993
Proper shipping name : Flammable liquid, n.o.s.
(ISOBUTANOL, DIFENOCONAZOLE)
Class : 3
Packing group : III
Labels : Flammable Liquids
Packing instruction (cargo aircraft) : 366
Packing instruction (passenger aircraft) : 355

SCORE 250 EC

Version	Revision Date:	SDS Number:	Date of last issue: 2018/09/18
1.1	2023/08/25	S1223543	Date of first issue: 2018/09/18

IMDG-Code

UN number	: UN 1993
Proper shipping name	: FLAMMABLE LIQUID, N.O.S. (ISOBUTANOL, DIFENOCNAZOLE)
Class	: 3
Packing group	: III
Labels	: 3
EmS Code	: F-E, <u>S-E</u>
Marine pollutant	: yes

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

Not applicable for product as supplied.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

15. REGULATORY INFORMATION

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

Minister of Industry Regulation No. 23/M-IND/PER/4/2013 concerning the Revision of Minister of Industry Regulation No. 87/M-IND/PER/9/2009 concerning Globally Harmonized System of Classification and Labelling of Chemicals.

Regulation of the Minister of Health No. 472 of 1996 on the Safeguarding of Substances Hazardous to Health

Hazardous substances that must be registered : Not applicable

Government Regulation No. 74 of 2001 on the Management of Hazardous and Toxic Substances

Hazardous substances approved for use : toluene

Prohibited substances : Not applicable

Restricted substances : Not applicable

16. OTHER INFORMATION

Revision Date	: 2023/08/25
Date format	: yyyy/mm/dd

Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
ID OEL	: Indonesia. Occupational Exposure Limits
Syngenta	: Syngenta Occupational Exposure Limit

SCORE 250 EC

Version	Revision Date:	SDS Number:	Date of last issue: 2018/09/18
1.1	2023/08/25	S1223543	Date of first issue: 2018/09/18

ACGIH / TWA : 8-hour, time-weighted average
ID OEL / NAB : Long term exposure limit
Syngenta / TWA : Time weighted average

AllC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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.

ID / EN