

TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
Date of first issue: 01/10/2022

Print Date 06/25/2024

SECTION 1. IDENTIFICATION

Product name : TERMIX® 5800

Manufacturer or supplier's details

Company name of Supplier : Indorama Ventures Oxides LLC
Address : 24 Waterway Ave., Suite 1100
The Woodlands, Texas 77380
United States of America (USA)
Telephone : (256) 3405200

E-mail address of person responsible for the SDS : oxide.sds.global@indorama.net

Emergency telephone number : CHEMTREC – United States
Local Number (Northern Virginia): +1 703-741-5970**Recommended use of the chemical and restrictions on use**

Recommended use : Agrochemical

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Serious eye damage : Category 1

Short-term (acute) aquatic hazard : Category 1

Long-term (chronic) aquatic hazard : Category 3

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.Precautionary Statements : **Prevention:**
P273 Avoid release to the environment.
P280 Wear eye protection/ face protection.
Response:
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
 Date of first issue: 01/10/2022

Print Date 06/25/2024

and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
 P391 Collect spillage.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Alcohols, C12-16, ethoxylated	68551-12-2	>= 50 - < 70
Alcohols, C12-16, ethoxylated	68551-12-2	>= 10 - < 20

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
 Consult a physician.
 Show this material safety data sheet to the doctor in attendance.
 Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
 If symptoms persist, call a physician.
- In case of skin contact : Wash off immediately with plenty of water.
 Remove contaminated clothing and shoes.
 Get medical attention if irritation develops and persists.
 Wash clothing before reuse.
 Thoroughly clean shoes before reuse.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
 In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 Continue rinsing eyes during transport to hospital.
 Remove contact lenses.
 Protect unharmed eye.
 Keep eye wide open while rinsing.
 If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
 Do NOT induce vomiting.
 Do not give milk or alcoholic beverages.
 Never give anything by mouth to an unconscious person.
 If symptoms persist, call a physician.
 Take victim immediately to hospital.
- Most important symptoms and effects, both acute and : Causes serious eye damage.

TERMIX® 5800

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	05/24/2024	400041011091	Date of first issue: 01/10/2022

Print Date 06/25/2024

delayed
 Protection of first-aiders : First Aid responders should pay attention to self-protection and use the recommended protective clothing
 If potential for exposure exists refer to Section 8 for specific personal protective equipment.
 Avoid inhalation, ingestion and contact with skin and eyes.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Carbon oxides

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
 Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Environmental precautions : Prevent product from entering drains.
 Prevent further leakage or spillage if safe to do so.
 If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
 Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Do not breathe vapors/dust.
 Avoid contact with skin and eyes.
 For personal protection see section 8.
 Smoking, eating and drinking should be prohibited in the application area.
 To avoid spills during handling keep bottle on a metal tray.
 Dispose of rinse water in accordance with local and national

SAFETY DATA SHEET



TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
Date of first issue: 01/10/2022

Print Date 06/25/2024

Conditions for safe storage : regulations.
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection : Wear respiratory protection when its use is identified for certain contributing scenario.
In the case of dust or aerosol formation use respirator with an approved filter.
General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Wear suitable protective equipment.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : Clear

Odor : mild

SAFETY DATA SHEET



TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
Date of first issue: 01/10/2022

Print Date 06/25/2024

Odor Threshold : No data available

pH : 5.13

Melting point/freezing point : No data available

Boiling point/boiling range : 212 °F / 100 °C

Flash point : > 302 °F / > 150 °C
Method: closed cup

Evaporation rate : No data available

Flammability : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : No data available

Relative vapor density : No data available

Relative density : No data available

Density : 0.9712 g/cm³ (77 °F / 25 °C)

Solubility(ies)

 Water solubility : No data available

 Solubility in other solvents : No data available

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

Autoignition temperature : No data available

Decomposition temperature : No data available

Viscosity

 Viscosity, dynamic : No data available

 Viscosity, kinematic : 43 mm²/s (104 °F / 40 °C)

Particle size : Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.
Chemical stability : No decomposition if stored and applied as directed.

TERMIX® 5800

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	05/24/2024	400041011091	Date of first issue: 01/10/2022

Print Date 06/25/2024

Possibility of hazardous reactions : No decomposition if stored and applied as directed.

Conditions to avoid : No data available

Incompatible materials : Not applicable

Hazardous decomposition products : Carbon dioxide (CO₂)
Carbon monoxide

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Product:

Acute oral toxicity : Assessment: The substance or mixture has no acute oral toxicity

Acute dermal toxicity : Assessment: The substance or mixture has no acute dermal toxicity

Components:**Alcohols, C12-16, ethoxylated:**

Acute oral toxicity : LD50 (Rat, female): > 2,000 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 100
Exposure time: 6 h
Test atmosphere: vapor
Method: OECD Test Guideline 403

LC50 (Rat): > 1600
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit, male and female): > 3,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes

Alcohols, C12-16, ethoxylated:

Acute oral toxicity : LD50 (Rat, male): 1,376.3 mg/kg
Method: OECD Test Guideline 401
GLP: yes

LD50 (Rat, female): 1,788.9 mg/kg
Method: OECD Test Guideline 401
GLP: yes

Acute inhalation toxicity : LC50 (Rat): >100
Exposure time: 6 h
Test atmosphere: vapor
Method: OECD Test Guideline 403

TERMIX® 5800

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	05/24/2024	400041011091	Date of first issue: 01/10/2022

Print Date 06/25/2024

LC50 (Rat): >1600
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403

LC50 (Rat): 400
Exposure time: 1 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit, male and female): > 3,000 mg/kg
GLP: yes

Skin corrosion/irritation

Not classified based on available information.

Components:**Alcohols, C12-16, ethoxylated:**

Species : Rat
Assessment : No skin irritation
Method : OECD Test Guideline 404
Result : Normally reversible injuries
GLP : yes

Alcohols, C12-16, ethoxylated:

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : yes

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.

Components:**Alcohols, C12-16, ethoxylated:**

Species : Rabbit
Result : Irreversible effects on the eye
Assessment : Severe eye irritation
Method : OECD Test Guideline 405

Alcohols, C12-16, ethoxylated:

Species : Rabbit
Result : Risk of serious damage to eyes.
Method : OECD Test Guideline 405
GLP : yes

TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
 Date of first issue: 01/10/2022

Print Date 06/25/2024

Respiratory or skin sensitization**Skin sensitization**

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Components:**Alcohols, C12-16, ethoxylated:**

Routes of exposure : Skin
 Species : Humans
 Result : Does not cause skin sensitization.

Routes of exposure : Skin
 Species : Guinea pig
 Method : Directive 67/548/EEC, Annex V, B.6.
 Result : Does not cause skin sensitization.

Alcohols, C12-16, ethoxylated:

Routes of exposure : Skin
 Species : Guinea pig
 Method : OECD Test Guideline 406
 Result : Does not cause skin sensitization.

Germ cell mutagenicity

Not classified based on available information.

Components:**Alcohols, C12-16, ethoxylated:**

Genotoxicity in vitro : Concentration: 2000 ug/plate
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 471
 Result: negative
 GLP: no

Genotoxicity in vivo : Application Route: Intraperitoneal injection
 Dose: 100 mg/kg
 Method: OECD Test Guideline 474
 Result: negative
 GLP: yes

Alcohols, C12-16, ethoxylated:

Genotoxicity in vitro : Concentration: 0.5 - 500 ug/plate
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 471
 Result: negative
 GLP: yes

Concentration: 0.025 - 5 ug/L
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 482

TERMIX® 5800

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	05/24/2024	400041011091	Date of first issue: 01/10/2022

Print Date 06/25/2024

Result: negative
GLP: yes

Concentration: 1.67 - 500 ug/plate
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
GLP: yes

Concentration: 0.00001 - 0.2 ug/L
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 482
Result: negative
GLP: yes

Genotoxicity in vivo : Application Route: Intraperitoneal injection
Dose: 50 mg/kg
Method: OECD Test Guideline 474
Result: negative
GLP: yes

Application Route: Intraperitoneal injection
Dose: 75 mg/kg
Method: OECD Test Guideline 474
Result: negative
GLP: yes

Carcinogenicity

Not classified based on available information.

Components:**Alcohols, C12-16, ethoxylated:**

Species : Rat, male and female
Application Route : Oral
Exposure time : 24 month(s)
Dose : 500 mg/kg
Result : negative

Result : negative

Alcohols, C12-16, ethoxylated:

Species : Rat, male and female
Application Route : Oral
Exposure time : 24 month(s)
Dose : 500 mg/kg
Result : negative

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

TERMIX® 5800

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	05/24/2024	400041011091	Date of first issue: 01/10/2022

Print Date 06/25/2024

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

Components:**Alcohols, C12-16, ethoxylated:**

Effects on fertility : Species: Rat, male and female
Application Route: Oral
Target Organs: Liver
GLP: yes

Effects on fetal development : Species: Rat, male and female
Application Route: Dermal
Result: No teratogenic effects.

Alcohols, C12-16, ethoxylated:

Effects on fertility : Species: Rat, male and female
Application Route: Dermal
Target Organs: Heart, Liver, Lungs, Kidney, Testes
Method: OECD Test Guideline 416

Species: Rat, male and female
Application Route: Oral
Target Organs: Liver
GLP: yes

Species: Rabbit, female
Application Route: Oral
Target Organs: ovaries
GLP: no

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Repeated dose toxicity**Components:****Alcohols, C12-16, ethoxylated:**

Species : Rat, male and female
NOAEL : > 150
Application Route : Ingestion
Exposure time : 2,160 h

Species : Rat, male and female
NOAEL : 459
Application Route : Ingestion
Exposure time : 504 h

SAFETY DATA SHEET



TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
Date of first issue: 01/10/2022

Print Date 06/25/2024

Species : Rat, male and female
NOAEL : 110
Application Route : Ingestion
Exposure time : 2,160 h

Alcohols, C12-16, ethoxylated:

Species : Rat, male and female
NOAEL : 100
Application Route : Ingestion
Exposure time : 2,160 h

Species : Rat, male and female
NOAEL : > 100
Application Route : Ingestion
Exposure time : 336 h

Species : Rat, male and female
NOAEL : 519
Application Route : Ingestion
Exposure time : 504 h

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Alcohols, C12-16, ethoxylated:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 1.1 mg/l
Exposure time: 96 h
Test Type: semi-static test
Test substance: Fresh water
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.7 mg/l
Exposure time: 48 h
Test Type: static test
Test substance: Fresh water
Method: Directive 67/548/EEC, Annex V, C.2.
GLP: yes

Toxicity to algae/aquatic plants : ErC50 (Desmodesmus subspicatus (green algae)): 0.87 mg/l
Exposure time: 72 h

TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
 Date of first issue: 01/10/2022

Print Date 06/25/2024

Test Type: static test
 Test substance: Fresh water
 GLP: yes

- M-Factor (Acute aquatic toxicity) : 1
- Toxicity to fish (Chronic toxicity) : EC20 (Pimephales promelas (fathead minnow)): 0.91 mg/l
 Exposure time: 30 d
 Test substance: Fresh water
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC20 (Daphnia magna (Water flea)): 0.48 mg/l
 Exposure time: 21 d
 Test substance: Fresh water
- Toxicity to microorganisms : EC50 (activated sludge): 1,000 mg/l
 Exposure time: 3 h
 Test Type: static test
 Test substance: Fresh water
- Toxicity to soil dwelling organisms : NOEC (Eisenia fetida (earthworms)): 220 mg/kg
 Test substance: Natural
 Method: OECD Test Guideline 222
- Plant toxicity : NOEC: \geq 100 mg/kg
 Exposure time: 456 h
 Test substance: Natural
 GLP: yes
- Toxicity to terrestrial organisms : EC50: 270 mg/kg
 Exposure time: 6 d
 Test substance: Natural

Ecotoxicology Assessment

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

Alcohols, C12-16, ethoxylated:

- Toxicity to fish : LC50 (Cyprinus carpio (Carp)): 3 mg/l
 Exposure time: 96 h
 Test substance: Fresh water
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1.9 mg/l
 Exposure time: 48 h
 Test Type: static test
 Test substance: Fresh water
- Toxicity to algae/aquatic plants : ErC50 (Desmodesmus subspicatus (green algae)): 2.2 mg/l
 Exposure time: 72 h
 Test Type: static test
 Test substance: Fresh water
- Toxicity to fish (Chronic toxicity) : EC20 (Pimephales promelas (fathead minnow)): 1.58 mg/l
 Exposure time: 30 d

TERMIX® 5800

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	05/24/2024	400041011091	Date of first issue: 01/10/2022

Print Date 06/25/2024

Test substance: Fresh water

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC20 (Daphnia magna (Water flea)): 0.98 mg/l
Exposure time: 21 d
Test substance: Fresh water

Toxicity to microorganisms : EC50 (Pseudomonas putida): > 10
Exposure time: 16.9 h
Test Type: static test
Test substance: Fresh water
Method: DIN 38 412 Part 8

Plant toxicity : NOEC: >= 100 mg/kg
Exposure time: 456 h
Test substance: Natural
GLP: yes

Toxicity to terrestrial organisms : EC50: 360 mg/kg
Exposure time: 3 d
Test substance: Natural

Ecotoxicology Assessment

Acute aquatic toxicity : Toxic to aquatic life.

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

Persistence and degradability**Components:****Alcohols, C12-16, ethoxylated:**

Biodegradability : Inoculum: activated sludge
Result: Readily biodegradable.
Biodegradation: 78 %
Exposure time: 28 d
Method: OECD Test Guideline 301B

Alcohols, C12-16, ethoxylated:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 100 %
Exposure time: 28 d

Bioaccumulative potential**Components:****Alcohols, C12-16, ethoxylated:**

Bioaccumulation : Bioconcentration factor (BCF): < 800
Test substance: Fresh water
Remarks: Does not bioaccumulate.

Partition coefficient: n-octanol/water : log Pow: 5.24 - 5.44 (77 °F / 25 °C)

SAFETY DATA SHEET



TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
Date of first issue: 01/10/2022

Print Date 06/25/2024

Alcohols, C12-16, ethoxylated:

Bioaccumulation : Species: Pimephales promelas (fathead minnow)
Bioconcentration factor (BCF): 12.7
Exposure time: 3 d
Test substance: Fresh water
Method: flow-through test
Remarks: Does not bioaccumulate.

Partition coefficient: n-octanol/water : log Pow: 4.24 - 5.14

Mobility in soil

Components:

Alcohols, C12-16, ethoxylated:

Distribution among environmental compartments : Koc: 19612.02 - 24351.32

Alcohols, C12-16, ethoxylated:

Distribution among environmental compartments : Koc: 27134.54 - 71865.83

Other adverse effects

Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life.
Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

SAFETY DATA SHEET



TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
Date of first issue: 01/10/2022

Print Date 06/25/2024

UNRTDG

UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(ALCOHOL C-12-C-16 POLY (1-6) ETHOXYLATE)
Class : 9
Packing group : III
Labels : 9
Environmentally hazardous : yes

IATA-DGR

UN/ID No. : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(ALCOHOL C-12-C-16 POLY (1-6) ETHOXYLATE)
Class : 9
Packing group : III
Labels : Miscellaneous
Packing instruction (cargo aircraft) : 964
Packing instruction (passenger aircraft) : 964
Environmentally hazardous : yes

IMDG-Code

UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(ALCOHOL C-12-C-16 POLY (1-6) ETHOXYLATE)
Class : 9
Packing group : III
Labels : 9
EmS Code : F-A, S-F
Marine pollutant : yes

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

Not applicable for product as supplied.

Domestic regulation

49 CFR

UN/ID/NA number : UN 3082
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
(ALCOHOL C-12-C-16 POLY (1-6) ETHOXYLATE)
Class : 9
Packing group : III
Labels : CLASS 9
ERG Code : 171
Marine pollutant : yes(ALCOHOL C-12-C-16 POLY (1-6) ETHOXYLATE)
Remarks : Shipment by ground under DOT is non-regulated; however it may be shipped per the applicable hazard classification to facilitate multi-modal transport involving ICAO (IATA) or IMO.

Special precautions for user

Remarks : 49CFR: no dangerous good in non-bulk packaging
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

TERMIX® 5800

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	05/24/2024	400041011091	Date of first issue: 01/10/2022

Print Date 06/25/2024

Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION**CERCLA Reportable Quantity**

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

SARA 304 Extremely Hazardous Substances Reportable Quantity

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Serious eye damage or eye irritation

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

Poly(oxy-1,2-ethanediyl),	25322-68-3	>= 1 - < 5 %
.alpha.-hydro-.omega.-		
hydroxy-Ethane-1,2-diol,		
ethoxylated		

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations**Massachusetts Right To Know**

ethylene oxide	75-21-8
1,4-dioxane	123-91-1

Pennsylvania Right To Know

ethylene oxide	75-21-8
1,4-dioxane	123-91-1

Maine Chemicals of High Concern

Product does not contain any listed chemicals

SAFETY DATA SHEET



TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
Date of first issue: 01/10/2022

Print Date 06/25/2024

Vermont Chemicals of High Concern

1,4-dioxane 123-91-1

Washington Chemicals of High Concern

1,4-dioxane 123-91-1

California Prop. 65

WARNING: This product can expose you to chemicals including ethylene oxide, 1,4-dioxane, which is/are known to the State of California to cause cancer, and ethylene oxide, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:

TCSI : On the inventory, or in compliance with the inventory
TSCA : All substances listed as active on the TSCA inventory
AIIC : On the inventory, or in compliance with the inventory
DSL : All components of this product are on the Canadian DSL
ENCS : On the inventory, or in compliance with the inventory
ISHL : On the inventory, or in compliance with the inventory
KECI : On the inventory, or in compliance with the inventory
PICCS : On the inventory, or in compliance with the inventory
IECSC : On the inventory, or in compliance with the inventory
NZIoC : On the inventory, or in compliance with the inventory
TECI : Not in compliance with the inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

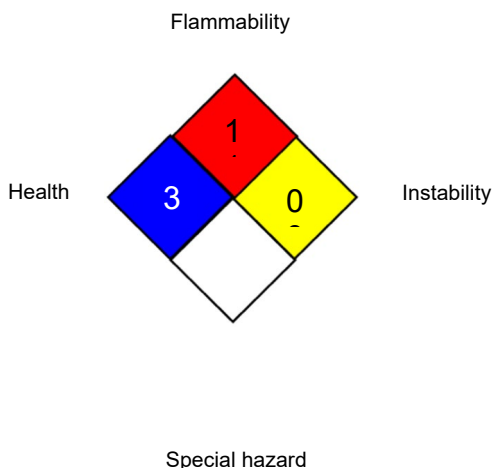
SECTION 16. OTHER INFORMATION

Further information

TERMIX® 5800

Version 2.0 Revision Date: 05/24/2024 SDS Number: 400041011091 Date of last issue: 07/28/2023
 Date of first issue: 01/10/2022

Print Date 06/25/2024

NFPA 704:**HMIS® IV:**

HEALTH		3
FLAMMABILITY		1
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; 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

SAFETY DATA SHEET



TERMIX® 5800

Version	Revision Date:	SDS Number:	Date of last issue: 07/28/2023
2.0	05/24/2024	400041011091	Date of first issue: 01/10/2022

Print Date 06/25/2024

Revision Date : 05/24/2024

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.

US / EN