

Fennobrite 1300

Ref. N08153/1.0/REG_NA/EN

Revision Date: 06/21/2012

Previous date: 00/00/0000

Print Date:08/29/2012

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Product information****Commercial Product Name**

Fennobrite 1300

Use of the Substance/Mixture

Chelating agent.

Company Identification

Kemira Chemicals, Inc.
1000 Parkwood Circle, Suite 500
Atlanta GA 30339
USA
Telephone. +17704361542, Telefax. +17704363432

Emergency telephone number

800-347-1542 (For product information) , 1-800-424-9300 or 1-703-527-3887 (CHEMTREC) , 1-613-996-6666 (CANUTEC)
CHEMTREC: 1-800-424-9300
CANUTEC: 1-613-996-6666

2. HAZARDS IDENTIFICATION

Emergency Overview: Prolonged or repeated contact may cause skin or eye irritation. The health hazards of this product should be low under normal industrial and commercial uses.

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Inhalation: Avoid breathing vapors or mist.

Ingestion: Not considered a potential route of exposure.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous or Regulated Components****Further information**

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

This product contains no WHMIS regulated (hazardous) components.

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4. FIRST AID MEASURES

Inhalation

If breathing is difficult, remove to fresh air and provide oxygen. If not breathing, give artificial respiration. Seek medical attention if cough or other symptoms develop.

Skin contact

Wash off immediately with soap and plenty of water. Remove contaminated clothing and shoes. If skin irritation persists, call a physician.

Eye contact

Rinse immediately with plenty of water for at least 15 minutes. Call a physician if symptoms occur.

Ingestion

Drink 1 or 2 glasses of water. Consult a physician. Do not induce vomiting without medical advice.

Information to doctor or other trained persons giving first aid

Treatment

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Foam
Dry powder
Carbon dioxide (CO₂)
Water

Specific hazards during firefighting

When water has evaporated, the residue will burn. Thermal decomposition can lead to release of irritating gases and vapours.

carbon oxides (CO_x), Hydrocarbons, Fumes, Smoke

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit. Use NIOSH/MSHA approved respiratory protection.

Specific methods

Containers can build pressure and rupture if exposed to fire. Contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Contaminated surfaces will be extremely slippery.

Environmental precautions

Avoid runoff into storm sewers and ditches which lead to waterways. Should not be released into the environment. Stop the leakage if possible.

Methods for cleaning up

Large spills: Soak up with inert absorbent material (diatomaceous earth, sand) Must be disposed of in accordance with local and national regulations. Small amounts: Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling

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Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Wash thoroughly after handling.

Storage

Store at room temperature in the original container. Keep tightly closed. Avoid freezing. Store in a place accessible by authorized persons only. Ensure adequate ventilation. Avoid extreme temperatures. Keep away from open flames, hot surfaces and sources of ignition. Do not store near combustible materials.

Materials to avoid:

Strong oxidizing agents, Acids, Bases, oxidizable materials

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values

Contains no substances with occupational exposure limit values.

Exposure controls

Occupational exposure controls

Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Handle in accordance with good industrial hygiene and safety practice.

Respiratory protection

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

Hand protection

Wear protective gloves.

Eye protection

Safety glasses

Skin and body protection

Wear protective clothing if necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information (appearance, odour)

Physical state	liquid,
Colour	clear, to, amber
Odour	slight

Important health safety and environmental information

pH	3.0 - 3.4 (100 %)
Boiling point/boiling range	> 212 °F
Flash point	none

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Explosive properties:

Lower explosion limit

not applicable

Upper explosion limit

not applicable

Density

9.65 lb/gal

Water solubility

completely soluble

Viscosity:

Viscosity, dynamic

32 cP

Other data

Freezing point :

15 °F

10. STABILITY AND REACTIVITY

Conditions to avoid

Stable under normal conditions.

Materials to avoid

Strong oxidizing agents, Acids, Bases, oxidizable materials

Hazardous reactions :

Hazardous polymerisation does not occur.

Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapours.
carbon oxides (COx), Hydrocarbons, Fumes, Smoke

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50/Oral/rat: > 2,000 mg/kg

Irritation and corrosion

Skin:

no data available

Eyes:

no data available

Sensitization

no data available

Long term toxicity

Carcinogenicity

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No known effect.

Further information

no data available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic toxicity

LC50/96 h/Fish: > 1,000 mg/l

LC50/48 h/Daphnia: > 1,000 mg/l

/Fish/Chronic toxicity: > 100 mg/l

/Daphnia/Chronic toxicity: > 100 mg/l

EC50/96 h/Green algae (*Selenastrum capricornutum*): > 1,000 mg/l

/Green algae (*Selenastrum capricornutum*)/Chronic toxicity: > 100 mg/l

Toxicity to other organisms

no data available

Mobility

Water solubility: completely soluble

Surface tension: no data available

Persistence and degradability

Biological degradability:

/5 d: 40 %

Bioaccumulative potential

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Product

Must be disposed of in accordance with local and national regulations. Do not release the material to drain, water system or soil to avoid contamination of the groundwater.

Contaminated packaging

EPA Hazardous Waste - NO
Rinse package before disposal. Dispose of rinse water in accordance with local and national regulations.

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14. TRANSPORT INFORMATION**Land transport**

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

Special precautions for user

no data available

15. REGULATORY INFORMATION**SARA Title III Section 311 Categories**

Immediate (Acute) Health Effects: No;
Delayed (Chronic) Health Effects: No;
Fire Hazard: No;
Sudden Release Of Pressure Hazard: No;
Reactivity Hazard: No;

SARA 313 - Specific Toxic Chemical Listings

None Present ()

WHMIS Classification

Not controlled

California Proposition 65

None Present ()

Notification status

:
:
:
: All components of this product are included in the United States TSCA Chemical Inventory or are not required to be listed on the United States TSCA Chemical Inventory.

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- : All components of this product are included in the Canada Domestic Substance List (DSL) or are not required to be listed on the Canada Domestic Substance List (DSL).
- : All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on the Australian Inventory of Chemical Substances (AICS).
- : All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.
- : All components of this product are included in the Korean (ECL) inventory or are not required to be listed on the Korean (ECL) inventory.
- : All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine (PICCS) inventory.
- : All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese (ENCS) inventory.
- : All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) or are not required to be listed on EINECS.
- : All components of this product are included in the New Zealand inventory (NZIoC) or are not required to be listed on the New Zealand inventory(NZIoC).
- : This product's Taiwan Toxic Chemical Substances Control Act Inventory status has NOT been determined.

Miscellaneous Information

None

16. OTHER INFORMATION

HMIS Rating

Health: 1
Flammability: 0
Reactivity: 0

NFPA Rating

Health: 1
Fire: 0
Reactivity: 0
Special:

MSDS preparatory statement

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.

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This MSDS is prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by Kemira.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Sources of key data used to compile the Safety Data Sheet

Regulations, databases, literature, own tests.

Additions, Deletions, Revisions

Relevant changes have been marked with vertical lines.