## Eco-PM®

| Section 1. Identification |  |
| :---: | :---: |
| GHS product identifier | : Eco-PM® |
| Product use | : Natural Fungicide |
| Supplier's details | : Arborjet 99 Blueberry Hill Road Woburn, MA 01801, USA 1-781-935-9070 |
| e-mail address of person responsible for this SDS | : ajinformation@arborjet.com |
| Emergency telephone number (with hours of operation) | : 1-800-255-3924 (CHEM-TEL) |

## Section 2. Hazards identification

OSHA/HCS status
Classification of the substance or mixture
: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
: FLAMMABLE LIQUIDS - Category 4
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 69\%

## GHS label elements

Hazard pictograms
Signal word
Hazard statements

## Precautionary statements

## General

Prevention

Response

Storage
Disposal
Hazards not otherwise classified
:

: Warning
: Combustible liquid.
Causes serious eye irritation.
Causes skin irritation.

Not applicable.
: Wear protective gloves. Wear eye or face protection. Keep away from flames and hot surfaces. - No smoking. Wash hands thoroughly after handling.
: IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.
If skin irritation occurs: Get medical attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.
: Store in a well-ventilated place.
Keep cool.
: Dispose of contents and container in accordance with all local, regional, national and international regulations.
: None known.

## Section 3. Composition/information on ingredients

| Substance/mixture | $:$ Mixture |
| :--- | :--- |
| Other means of |  |
| identification | $:$ Not available. |

## CAS number/other identifiers

| CAS number | $:$ Not applicable. |
| :--- | :--- |
| Product code | $:$ 1 Quart 040-8005; 1 Gallon 040-8020 |


| Ingredient name | $\%$ | CAS number |
| :--- | :--- | :--- |
| Oils, thyme | $\geq 10-<25$ | $8007-46-3$ |
| Oils, clove | $\geq 1-<3$ | $8000-34-8$ |
| Isopropyl alcohol | $\geq 10-<18$ | $67-63-0$ |
| Soap | 100 | - |
| water | 100 | $7732-18-5$ |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

## Description of necessary first aid measures

| Eye contact | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. |
| :---: | :---: |
| Inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Skin contact | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| Ingestion | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |

Most important symptoms/effects, acute and delayed Potential acute health effects

| Eye contact | : Causes serious eye irritation. |
| :--- | :--- |
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : Causes skin irritation. |
| Ingestion | : No known significant effects or critical hazards. |

## Over-exposure signs/symptoms

## Section 4. First aid measures

| Eye contact | $:$Adverse symptoms may include the following: <br> pain or irritation <br> watering <br> redness <br> Inhalation <br> Skin contact |
| :--- | :--- |
|  | $:$ No specific data. <br> : Adverse symptoms may include the following:  <br> irritation  <br> redness  |
| Ingestion | No specific data. |
| Indication of immediate medical attention and special treatment needed, if necessary |  |

## See toxicological information (Section 11)

## Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
Unsuitable extinguishing media
: Use dry chemical, $\mathrm{CO}_{2}$, water spray (fog) or foam.

Specific hazards arising
from the chemical

Hazardous thermal decomposition products

Special protective actions for fire-fighters

Special protective equipment for fire-fighters
: Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.
: Decomposition products may include the following materials: carbon dioxide carbon monoxide

## Section 6. Accidental release measures

## Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## Section 6. Accidental release measures

## Methods and materials for containment and cleaning up

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

## Precautions for safe handling

Advice on general
occupational hygiene
: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.
: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, : Store in accordance with local regulations. Store in a segregated and approved area. including any
incompatibilities

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep away from heat and open flame. Keep from freezing.

## Section 8. Exposure controls/personal protection

## Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
| :--- | :--- |
| Isopropyl alcohol | ACGIH TLV (United States, 4/2014). |
|  | TWA: 200 ppm 8 hours. |
|  | STEL: 400 ppm 15 minutes. |
|  | OSHA PEL 1989 (United States, 3/1989). |
|  | TWA: 400 ppm 8 hours. |
|  | TWA: $980 \mathrm{mg} / \mathrm{m}^{3} 8$ hours. |
|  | STEL: 500 ppm 15 minutes. |
|  | STEL: $1225 \mathrm{mg} / \mathrm{m}^{3} 15$ minutes. |
|  | NIOSH REL (United States, 10/2013). |
|  | TWA: 400 ppm 10 hours. |
|  | TWA: $980 \mathrm{mg} / \mathrm{m}^{3} 10$ hours. |
|  | STEL: 500 ppm 15 minutes.. |
|  | STEL: $1225 \mathrm{mg} / \mathrm{m}^{3} 15$ minutes.. |

## Section 8. Exposure controls/personal protection

OSHA PEL (United States, 2/2013).

TWA: 400 ppm 8 hours.
TWA: $980 \mathrm{mg} / \mathrm{m}^{3} 8$ hours.

| Appropriate engineering controls | : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. |
| :---: | :---: |
| Environmental exposure controls | : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |
| Individual protection measures |  |
| Hygiene measures | : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |
| Eye/face protection | : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. |
| Skin protection |  |
| Hand protection | : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Recommended: nitrile disposable gloves |
| Body protection | : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Other skin protection | : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Respiratory protection | : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. |

## Section 9. Physical and chemical properties

## Appearance

| Physical state | $:$ Liquid. |
| :--- | :--- |
| Color | $:$ Amber. |
| Odor | $:$ Herbal |
| Odor threshold | $:$ Not available. |
| pH | $: 9.06$ at $25^{\circ} \mathrm{C}$ |
| Melting point | : Not available. |
| Boiling point | : Not available. |
| Flash point | : Open cup: $92^{\circ} \mathrm{C}\left(197.6^{\circ} \mathrm{F}\right)$ [Cleveland.] |
| Evaporation rate | : Not available. |
| Flammability (solid, gas) | $:$ Not available. |

## Section 9. Physical and chemical properties

| Lower and upper explosive <br> (flammable) limits | : Not available. |
| :--- | :--- |
| Vapor pressure | $:$ Not available. |
| Vapor density | : Not available. |
| Relative density | : Mot available. |
| Solubility | : Not available. |
| Partition coefficient: n- <br> octanol/water <br> Auto-ignition temperature | $:$ Not available. |
| Decomposition temperature | $:$ Not available. |
| Viscosity | $: 3.17 \mathrm{cP}$ at $23^{\circ} \mathrm{C}$ |

## Section 10. Stability and reactivity

Reactivity

Chemical stability : The product is stable.

Possibility of hazardous reactions

Conditions to avoid

Incompatible materials

Hazardous decomposition products oxidizing materials not be produced.
: No specific test data related to reactivity available for this product or its ingredients.
: Under normal conditions of storage and use, hazardous reactions will not occur.
: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
: Reactive or incompatible with the following materials:
: Under normal conditions of storage and use, hazardous decomposition products should

## Section 11. Toxicological information

## Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
| :--- | :--- | :--- | :--- | :--- |
| Oils, thyme | LD50 Dermal | Rabbit | $>5 \mathrm{~g} / \mathrm{kg}$ | - |
| Isopropyl alcohol | LD50 Oral | Rat | $2840 \mathrm{mg} / \mathrm{kg}$ | - |
|  | LD50 Dermal | Rabbit | $12800 \mathrm{mg} / \mathrm{kg}$ | - |
|  | LD50 Oral | Rat | $5000 \mathrm{mg} / \mathrm{kg}$ | - |

## Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oils, thyme | Skin - Severe irritant | Mouse | - | 100 Percent | - |
|  | Skin - Severe irritant | Rabbit | - | 24 hours 500 milligrams | - |
| Isopropyl alcohol | Eyes - Moderate irritant | Rabbit | - | 24 hours 100 milligrams | - |
|  | Eyes - Moderate irritant | Rabbit | - | 10 milligrams | - |
|  | Eyes - Severe irritant | Rabbit | - | $100$ <br> milligrams | - |
|  | Skin - Mild irritant | Rabbit | - | 500 milligrams | - |
| Oils, clove | Skin - Severe irritant | Rabbit | - | 24 hours 500 milligrams | - |

## Sensitization

Not available.

## Section 11. Toxicological information

Mutagenicity
Not available.
Carcinogenicity
Not available.

## Classification

| Product/ingredient name | OSHA | IARC | NTP |
| :--- | :--- | :--- | :--- |
| Isopropyl alcohol | - | 3 | - |

## Reproductive toxicity

Not available.

## Teratogenicity

Not available.

## Specific target organ toxicity (single exposure)

| Name | Category | Route of <br> exposure | Target organs |
| :--- | :--- | :--- | :--- |
| Isopropyl alcohol | Category 3 | Not applicable. | Narcotic effects |

## Specific target organ toxicity (repeated exposure)

Not available.

## Aspiration hazard

Not available.

Information on the likely : Not available. routes of exposure

## Potential acute health effects

| Eye contact | : Causes serious eye irritation. |
| :--- | :--- |
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : Causes skin irritation. |
| Ingestion | : No known significant effects or critical hazards. |


| Eye contact | : Adverse symptoms may include the following: pain or irritation <br> watering redness |
| :---: | :---: |
| Inhalation | : No specific data. |
| Skin contact | : Adverse symptoms may include the following: irritation redness |
| Ingestion | : No specific data. |

Delayed and immediate effects and also chronic effects from short and long term exposure

## Short term exposure

| Potential immediate <br> effects | : Not available. |
| :--- | :--- |
| Potential delayed effects $: ~ N o t ~ a v a i l a b l e . ~$ |  |

## Long term exposure

Potential immediate : Not available. effects

## Section 11. Toxicological information

Potential delayed effects : Not available.

## Potential chronic health effects

Not available.

| General | : No known significant effects or critical hazards. |
| :--- | :--- |
| Carcinogenicity | : No known significant effects or critical hazards. |
| Mutagenicity | : No known significant effects or critical hazards. |
| Teratogenicity | : No known significant effects or critical hazards. |
| Developmental effects | : No known significant effects or critical hazards. |
| Fertility effects | : No known significant effects or critical hazards. |

## Numerical measures of toxicity

## Acute toxicity estimates

| Route | ATE value |
| :--- | :--- |
| Oral | $3354.2 \mathrm{mg} / \mathrm{kg}$ |

## Section 12. Ecological information

## Toxicity

| Product/ingredient name | Result | Species | Exposure |
| :--- | :--- | :--- | :--- |
| Oils, thyme | Acute LC50 $16.1 \mathrm{mg} / \mathrm{I}$ Fresh water | Fish - Oncorhynchus mykiss - <br> Juvenile (Fledgling, Hatchling, <br> Weanling) | 96 hours |
| Isopropyl alcohol | Acute LC50 $1400000 \mu \mathrm{~g} / \mathrm{I}$ Marine water | Crustaceans - Crangon crangon <br> Fish - Rasbora heteromorpha | 48 hours <br> 96 hours |

## Persistence and degradability

Not available.

## Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
| :--- | :--- | :--- | :--- |
| Isopropyl alcohol | 0.05 | - | low |

## Mobility in soil

Soil/water partition : Not available.
coefficient (Koc)

Other adverse effects
: No known significant effects or critical hazards.

## Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere

## Section 13. Disposal considerations

inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|  | DOT <br> Classification | TDG <br> Classification | Mexico Classification | ADR/RID | IMDG | IATA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UN number | NA1993 | Not available. | Not available. | Not available. | Not available. | Not available. |
| UN proper shipping name | Combustible liquid, N.O.S. (Isopropanol) (Isopropyl alcohol) | Not available. | Not available. | Not available. | Not available. | Not available. |
| Transport hazard class(es) | Combustible liquid. | Not available. | Not available. | Not available. | Not available. | Not available. |
| Transport Label |  |  |  |  |  |  |
| Packing group | III | - | - | - | - | - |
| Environmental hazards | No. | No. | No. | No. | Marine Pollutant: No | No. |
| Additional information | Non-bulk packages (less than or equal to 119 gal ) of combustible liquids are not regulated as hazardous materials. | - | - | - | - | - |

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not available.
to Annex II of MARPOL
73/78 and the IBC Code

## Section 15. Regulatory information

U.S. Federal regulations
: TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b): All components are listed or exempted.

Clean Air Act Section 112 : Not listed
(b) Hazardous Air

Pollutants (HAPs)
Clean Air Act Section 602
Class I Substances
Clean Air Act Section 602 : Not listed
Class II Substances
DEA List I Chemicals : Not listed
(Precursor Chemicals)

## Section 15. Regulatory information

DEA List II Chemicals : Not listed

(Essential Chemicals)

## SARA 302/304

## Composition/information on ingredients

No products were found.
SARA 304 RQ : Not applicable.
SARA 311/312
Classification : Fire hazard Immediate (acute) health hazard
Composition/information on ingredients

| Name | $\%$ | Fire <br> hazard | Sudden <br> release of <br> pressure | Reactive | lmmediate <br> (acute) <br> health <br> hazard | Delayed <br> (chronic) <br> health <br> hazard |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Oils, thyme <br> Isopropyl alcohol <br> Oils, clove | $\geq 10-<25$ <br> $\geq 10-<18$ <br> $\geq 1-<3$ | No. | No. <br> Yes. <br> No. | No. <br> No. | Yes. <br> No. | Yes. <br> Yes. |
| No. |  |  |  |  |  |  |
| No. |  |  |  |  |  |  |

## SARA 313

|  | Product name | CAS number | $\%$ |
| :--- | :--- | :--- | :--- |
| Form R - Reporting <br> requirements | Isopropyl alcohol | $67-63-0$ | $\geq 10-<18$ |
| Supplier notification | Isopropyl alcohol | $67-63-0$ | $\geq 10-<18$ |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

## State regulations

Massachusetts : The following components are listed: ISOPROPYL ALCOHOL
New York : None of the components are listed.
New Jersey : The following components are listed: ISOPROPYL ALCOHOL; 2-PROPANOL
Pennsylvania : The following components are listed: 2-PROPANOL

## International regulations

Chemical Weapon Convention List Schedules I, II \& III Chemicals
Not listed.
Montreal Protocol (Annexes A, B, C, E)
Not listed.

## Stockholm Convention on Persistent Organic Pollutants

Not listed.

## Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

## UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

## International lists

## National inventory

| Australia | $:$ Not determined. |
| :--- | :--- |
| Canada | $:$ Not determined. |
| China | $:$ Not determined. |
| Europe | $:$ Not determined. |
| Japan | $:$ Not determined. |

## Section 15. Regulatory information

| Malaysia | $:$ Not determined. |
| :--- | :--- |
| New Zealand | $:$ Not determined. |
| Philippines | $:$ Not determined. |
| Republic of Korea | : Not determined. |
| Taiwan | : Not determined. |

## Section 16. Other information

## National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Procedure used to derive the classification

| Classification |  |
| :--- | :--- |
| Flam. Liq. 4, H227 | Justification |
| Skin Irrit. 2, H315 |  |
| Eye Irrit. 2A, H319 | On basis of test data <br> Calculation method <br> Calculation method |

## History

Date of printing : 02/20/2015.
Date of issue/Date of : 02/20/2015. revision
Date of previous issue : January 2012.
Version : 2
Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow $=$ logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations

## References

: Not available.
$\nabla$ Indicates information that has changed from previously issued version.
Notice to reader
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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

