

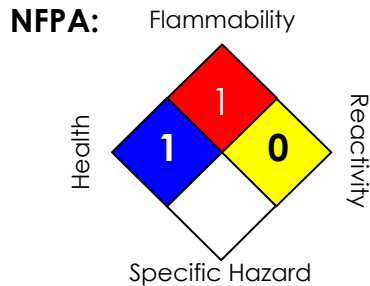
Material Safety Data Sheet

Eco-Industrial Degreaser 4L

Version 1.5

Revision Date 08/20/2014

Print Date 08/22/2014


HMIS III:

HEALTH	2*
FLAMMABILITY	1
PHYSICAL	0

0 = Insignificant, 1 = Slight,
2 = Moderate, 3 = High, 4 = Extreme

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Commercial Product Name : Eco-Industrial Degreaser 4L
 Product code : 893.117103
 SDS-Identcode : 10034561
 Product Use Description : Cleansing agents, alkaline.
 Company : Würth Canada Limited
 345 Hanlon Creek Blvd
 GUELPH, ON N1C 0A1
 Canada

Telephone : +1 (905) 564 6225
 Telefax : +1 (905) 564 3671
 Responsible/issuing person : prodsafe@wuerth.com

Emergency telephone number : In case of emergency please contact: CANUTEC (5:00 pm - 8:00 am):
 +1 (613) 996 6666
 WÜRTH CANADA LIMITED (8:00 am - 5:00 pm):
 +1 (905) 564 6225

SECTION 2. HAZARDS IDENTIFICATION
Emergency Overview

Regulatory status : This product, material or substance is a WHMIS controlled product per Sections 33 - 66, Part IV of the CPR.

Signal Word : CAUTION
 Form : liquid
 Colour : clear, violet

Material Safety Data Sheet

Eco-Industrial Degreaser 4L

Version 1.5

Revision Date 08/20/2014

Print Date 08/22/2014

Odour : mild
Odour - Control : No data available
parameters
Hazard Summary : Irritant

Potential Health Effects

Eyes : May cause eye irritation.

Skin : May cause skin irritation.

Chronic Exposure : This product contains a material that may cause adverse reproductive effects.*

Target Organs : Eyes
Skin

ACGIH : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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

IARC : No component 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 identified as a carcinogen or potential carcinogen by OSHA.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent- Weight percent
Non ionic surfactant	68991-48-0	>= 5 - < 7

Material Safety Data Sheet

Eco-Industrial Degreaser 4L

Version 1.5

Revision Date 08/20/2014

Print Date 08/22/2014

Sodiumsilicate, pentahydrate	10213-79-3	$\geq 3 - < 5$
boric acid, disodium salt	1330-43-4	$\geq 1 - < 1.5$

SECTION 4. FIRST AID MEASURES

- General advice : If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.
- Inhalation : If breathed in, move person into fresh air.
- Skin contact : Immediately flush skin with large amounts of water.
- Eye contact : If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : If swallowed, DO NOT induce vomiting. If symptoms persist, call a physician. If a person vomits when lying on his back, place him in the recovery position.

SECTION 5. FIREFIGHTING MEASURES

- Form : liquid
- Flash point : Note: does not flash
- Lower explosion limit : Note: Not applicable
- Upper explosion limit : Note: Not applicable
- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.
Hazardous decomposition products may be formed under fire conditions (see section 10).
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
Use personal protective equipment.

Material Safety Data Sheet

Eco-Industrial Degreaser 4L

Version 1.5

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- Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.
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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Refer to protective measures listed in sections 7 and 8.
- Methods for 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.
Clean contaminated surface thoroughly.

SECTION 7. HANDLING AND STORAGE**Handling**

- Handling : For personal protection see section 8.
Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Dust explosion class : Not applicable

Storage

- Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.
Protect from frost, heat and sunlight.
- Advice on common : Incompatible with oxidizing agents.

Material Safety Data Sheet

Eco-Industrial Degreaser 4L

Version 1.5

Revision Date 08/20/2014

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storage
Other data : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Components	CAS-No.	List	Type:	Value	Update
boric acid, disodium salt	1330-43-4	CA AB OEL	TWA	1 mg/m ³	2009-04-30
		CA AB OEL	STEL	3 ppm	2009-04-30
		CA QC OEL	TWAEV	1 mg/m ³	2006-12-29
		CA BC OEL	TWA	2 mg/m ³	2013-05-01
		CA BC OEL	STEL	6 mg/m ³	2013-05-01

Engineering measures : Provide adequate ventilation.

Eye protection : In case of splash hazard, please wear protective goggles.

Hand protection

Glove material : Natural Rubber
butyl-rubber

Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

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

Hygiene measures : General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Colour : clear, violet
Odour : mild
Flash point : Note: does not flash

Material Safety Data Sheet

Eco-Industrial Degreaser 4L

Version 1.5

Revision Date 08/20/2014

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Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
pH	: 10.5 - 11.5
Freezing point	: No data available
Boiling point/boiling range	: 100 °C (212 °F)
Vapour pressure	: No data available
Relative vapour density	: ca.1 (Air = 1.0)
Density	: 0.995 - 1.005 g/cm ³
Water solubility	: completely soluble
Volatile organic compounds (VOC) content	: 0 %

SECTION 10. STABILITY AND REACTIVITY

Materials to avoid	: Strong oxidizing agents
Hazardous decomposition products	: Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.
Hazardous reactions	: Note: No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation	: Result: Skin irritation Irritating to skin.
Eye irritation	: Result: Eye irritation Eye irritation
Carcinogenicity	: No data is available on the product itself.
Reproductive toxicity	: No data is available on the product itself.

Material Safety Data Sheet

Eco-Industrial Degreaser 4L

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Teratogenicity : No data is available on the product itself.

Component:

Sodiumsilicate, pentahydrate 10213-79-3

Skin irritation: Causes burns.

boric acid, disodium salt 1330-43-4

Reproductive toxicity: Presumed human reproductive toxicant, May damage fertility. May damage the unborn child.

SECTION 12. ECOLOGICAL INFORMATIONAdsorbed organic bound : not included
halogens (AOX)
Volatile organic : 0 %
compounds (VOC)
content

SECTION 13. DISPOSAL CONSIDERATIONSAdequate disposal : In accordance with local and national regulations.
Do not dispose of waste into sewer.
Do not dispose of together with household waste.

SECTION 14. TRANSPORT INFORMATION**DOT 49 CFR**

Not dangerous goods

TDGR

Not dangerous goods

ICAO/IATA-DGR

Not dangerous goods

IMDG-Code

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

Material Safety Data Sheet

Eco-Industrial Degreaser 4L

Version 1.5

Revision Date 08/20/2014

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WHMIS Classification : D2B Toxic Material Causing Other Toxic Effects
Moderate skin irritant
Moderate eye irritant

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

SECTION 16. OTHER INFORMATION**Further information**

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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