



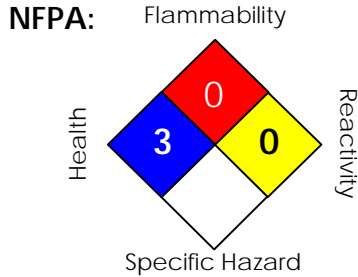
Material Safety Data Sheet

PITCH & RESIN REMOVER

Version 1.1

Revision Date 11/27/2008

Print Date 11/04/2009



HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL	0

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

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : PITCH & RESIN REMOVER
Product Number : 1893011, 18930115, 18930111, 18930110, 0893613,
0893615, 0893617, 0893616,
MSDS Number : 888100005956
Product Use Description : Cleaning agent
Company : WURTH USA Inc.
93 Grant Street
Ramsey, NJ 07446 US
Telephone : 1-800-987-8487 8:00am to 8:00pm EST
Telefax : 1-201-818-4788
Emergency telephone : 1-800-255-3924

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Regulatory status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Signal Word : DANGER
Form : liquid
Odour : slight
Odour - Control parameters : no data available
Hazard Summary : Corrosive

Potential Health Effects



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Eyes : Causes eye burns.
Skin : Causes skin burns.
Ingestion : May be harmful if swallowed.
Target Organs : Eyes
Skin

Carcinogenicity:

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.

CA Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight %-Weight %
sodium hydroxide; caustic soda	1310-73-2	>= 3 - < 5
(2-Methoxymethylethoxy)propanol	34590-94-8	>= 0.75 - < 1



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SECTION 4. FIRST AID MEASURES

- General advice : In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Take off all contaminated clothing immediately.
- Inhalation : Remove to fresh air. Keep patient warm and at rest. Call a physician immediately.
- Skin contact : Wash off immediately with plenty of water. Call a physician immediately.
- Eye contact : Remove contact lenses. Rinse immediately with plenty of water and seek medical advice.
- Ingestion : If swallowed, seek medical advice immediately and show this container or label. If a person vomits when lying on his back, place him in the recovery position. Do NOT induce vomiting.

SECTION 5. FIRE-FIGHTING MEASURES

- Form : liquid
- Flash point : Note: not applicable
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Extinguishing media which shall not be used for safety reasons : High volume water jet
- Specific hazards during fire fighting : Do not use a solid water stream as it may scatter and spread fire.
- Special protective equipment for fire-fighters : Use personal protective equipment. In the event of fire, wear self-contained breathing apparatus.
- Further information : Exposure to decomposition products may be a hazard to health. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.



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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear personal protective equipment.
Avoid contact with skin, eyes and clothing.
Ventilate the area.
Refer to protective measures listed in sections 7 and 8.

- Environmental precautions : Should not be released into the environment.
Avoid subsoil penetration.
If the product contaminates rivers and lakes or drains inform respective authorities.

- Methods for cleaning up : Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

- CERCLA Hazardous substances and corresponding RQs : 1310-73-2 1,000 lbs *final RQ*

SECTION 7. HANDLING AND STORAGE

Handling

- Handling : Avoid contact with skin and eyes.
Do not breathe vapours or spray mist.
For personal protection see section 8.
Keep away from heat and flame.

- 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.
Store in original container.
Keep in an area equipped with alkali resistant flooring.
Protect from moisture.

- Advice on common storage : Do not store near acids.
Keep away from food, drink and animal feedingstuffs.



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Other data : No decomposition if stored and applied as directed.
Protect from frost, heat and sunlight.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components	CAS-No.	List	Type:	Value	Update
sodium hydroxide; caustic soda	1310-73-2	ACGIH	CEIL	2 mg/m3	1994-09-01
		OSHA PO	CEIL	2 mg/m3	1989-03-01
		OSHA P1	TWA	2 mg/m3	1993-06-30
(2-Methoxymethylethoxy)propa nol	34590-94-8	ACGIH	TWA	100 ppm 606 mg/m3	1994-09-01
		ACGIH	STEL	150 ppm 909 mg/m3	1994-09-01
		OSHA PO	TWA	100 ppm 600 mg/m3	1989-03-01
		OSHA PO	STEL	150 ppm 900 mg/m3	1989-03-01
		OSHA P1	TWA	100 ppm 600 mg/m3	1993-06-30

Engineering measures : Provide sufficient air exchange and/or exhaust in work rooms.

Eye protection : Wear eye/face protection.
Ensure that eyewash stations and safety showers are close to the workstation location.

Hand protection : 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 : impervious clothing
Chemical resistant apron
Footwear protecting against chemicals

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.



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Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
When using do not eat, drink or smoke.
Avoid contact with skin, eyes and clothing.
Wash hands before breaks and at the end of workday.
Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Odour : slight
Flash point : Note: not applicable
Thermal decomposition : No decomposition if used as directed.
pH : 13.7
Melting point/range : not applicable
Boiling point/boiling range : 100 °C(212 °F)
Water solubility : completely soluble
Volatile organic compounds (VOC) content : 1 %

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Keep away from heat and sources of ignition.
Materials to avoid : Acids
Highly halogenated compounds
Hazardous decomposition products : Carbon monoxide
Carbon dioxide (CO₂)
Thermal decomposition : No decomposition if used as directed.
Hazardous reactions : Hazardous polymerisation does not occur.



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SECTION 11. TOXICOLOGICAL INFORMATION

- Skin irritation : Causes burns.
- Eye irritation : Causes burns.
- Carcinogenicity : No data is available on the product itself.
- Reproductive toxicity : No data is available on the product itself.
- Teratogenicity : No data is available on the product itself.
- Further information : Inhalation of aerosol may cause irritation to the upper respiratory tract.
If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

Component:

sodium hydroxide; caustic soda 1310-73-2

Acute oral toxicity: Swallowing small quantities can be considerably detrimental to health.
Acute dermal toxicity: LD50 rat
Dose: 1,350 mg/kg

Skin irritation: Classification: Causes burns.
Result: Extremely corrosive and destructive to tissue.

Eye irritation: Classification: Causes burns.
Result: Blindness

(2-Methoxymethylethoxy)propanol 34590-94-8

Acute oral toxicity: LD50 rat
Dose: 5,135 mg/kg

Acute dermal toxicity: LD50 rat
Dose: 9,500 mg/kg

Acute inhalation toxicity: LC50 rat
Dose: 55 - 60 mg/Exposure time: 4 h

Skin irritation: Result: Mild skin irritation

Eye irritation: Classification: Irritating to eyes.
Result: Mild eye irritation

SECTION 12. ECOLOGICAL INFORMATION

Adsorbed organic bound halogens (AOX) : no data available



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Volatile organic compounds (VOC) content : 1 %

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

Component:

sodium hydroxide; caustic soda 1310-73-2

Toxicity to fish:

LC50

Species: Oncorhynchus mykiss (rainbow trout)

Dose: 45.4 mg/l

Exposure time: 96 h

Acute and prolonged toxicity for aquatic invertebrates:

EC50

Species: Daphnia magna (Water flea)

Dose: 76 mg/l

Exposure time: 24 h

(2-Methoxymethylethoxy)propanol 34590-94-8

Toxicity to fish:

LC50

Species: Pimephales promelas (fathead minnow)

Dose: > 10,000 mg/l

Acute and prolonged toxicity for aquatic invertebrates:

EC50

Species: Daphnia magna (Water flea)

Dose: 1,919 mg/l

Toxicity to bacteria:

EC10

Species: Pseudomonas putida

Dose: 4,168 mg/l

Exposure time: 18 h

SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION

DOT 49 CFR

Proper shipping name : Sodium hydroxide solution
UN-Number : 1824
Class : 8



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Packing group : II
Emergency Response : 154
Guidebook Number
Hazard inducer : (sodium hydroxide, disodium metasilicate)

TDGR

Proper shipping name : SODIUM HYDROXIDE SOLUTION
UN-Number : 1824
Class : 8
Packing group : II
Emergency Response : 154
Guidebook Number
Hazard inducer : (sodium hydroxide, disodium metasilicate)

ICAO / IATA-DGR

UN UN-Number : 1824
Description of the goods : Sodium hydroxide solution
(sodium hydroxide, disodium metasilicate)
Class : 8
Packaging group : II
ICAO-Labels : 8
Packing instruction (cargo aircraft) : 813
Packing instruction (passenger aircraft) : 809
Packing instruction (passenger aircraft) : Y809

IMDG-Code

UN-Number : UN 1824
Description of the goods : SODIUM HYDROXIDE SOLUTION
(sodium hydroxide, disodium metasilicate)
Class : 8
Packaging group : II
IMDG-Labels : 8
EmS Number : F-A S-B
Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : Corrosive to skin
Corrosive to eyes

TSCA Status : On TSCA Inventory



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DSL Status : All components of this product are on the Canadian DSL list.

SARA 311/312 Hazards : Acute Health Hazard

SARA III US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

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.

SARA III US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

PENN RTK US. Commonwealth of Pennsylvania - Department of Labor and Industry; Pennsylvania Code Title 34, Labor and Industry Chapter 323

<u>Components</u>	<u>CAS-No.</u>
sodium hydroxide; caustic soda	1310-73-2
Water	7732-18-5

MASS RTK US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

<u>Components</u>	<u>CAS-No.</u>
sodium hydroxide; caustic soda	1310-73-2

NJ RTK US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<u>Components</u>	<u>CAS-No.</u>
sodium hydroxide; caustic soda	1310-73-2
Water	7732-18-5

California Prop. 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



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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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