

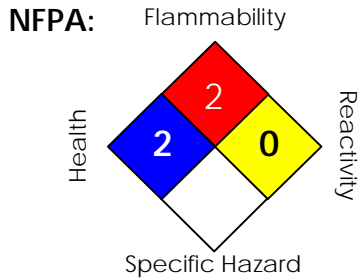
Material Safety Data Sheet

SUPER SPRAY ALL

Version 1.5

Revision Date 04/29/2009

Print Date 11/04/2009

**HMIS III:**

HEALTH	2
FLAMMABILITY	2
PHYSICAL	0

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

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SUPER SPRAY ALL
Product Number : 08909091, 089090955, 08909095, 0890909,
MSDS Number : 888100004130

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 : WARNING
Form : liquid
Odour : pleasant, mild
Odour - Control : no data available
parameters
Hazard Summary : Combustible Liquid

Toxic



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Potential Health Effects

Ingestion : Harmful or fatal if swallowed.

Eyes : May cause eye irritation.

Skin : May cause skin irritation.
Harmful if absorbed through skin.

Target Organs : Eyes
Skin

Carcinogenicity:

ACGIH : 2-butoxyethanol; ethylene glycol monobutyl ether butyl cellosolve (CAS-No.: 111-76-2)

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 %
disodium metasilicate	6834-92-0	>= 5 - < 7
2-butoxyethanol; ethylene glycol monobutyl ether butyl	111-76-2	>= 3 - < 5



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cellosolve		
sodium hydroxide; caustic soda	1310-73-2	>= 0.75 - < 1

SECTION 4. FIRST AID MEASURES

- General advice : Remove from exposure, lie down. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). When symptoms persist or in all cases of doubt seek medical advice. Never give anything by mouth to an unconscious person. Take off all contaminated clothing immediately.
- Inhalation : Remove to fresh air. Keep patient warm and at rest. If symptoms persist, call a physician. If breathing is irregular or stopped, administer artificial respiration.
- Skin contact : Wash off immediately with soap and plenty of water.
- Eye contact : Remove contact lenses. In the case of contact with eyes, 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 : 81.0 °C (177.8 °F)
- Lower explosion limit : Note: not applicable
- Upper explosion limit : 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 : Fire will produce dense black smoke containing hazardous combustion products (see section 10). Do not use a solid water stream as it may scatter and spread fire.
- Special protective : Wear self-contained breathing apparatus and protective



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equipment for fire-fighters
Further information : suit.
: Standard procedure for chemical fires.
Exposure to decomposition products may be a hazard to health.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
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.
Ventilate the area.
Remove all sources of ignition.
Avoid inhalation of vapour or mist.

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 : Use mechanical handling equipment.
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.

Additional advice : Contaminated surfaces will be extremely slippery.

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.
Take precautionary measures against static discharges.
For personal protection see section 8.



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Advice on protection against fire and explosion : Do not smoke.

Storage

Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.
Store in original container.

Advice on common storage : Keep away from oxidising agents and strongly acid or alkaline materials.
Keep away from food, drink and animal feedingstuffs.

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
2-butoxyethanol; ethylene glycol monobutyl ether butyl cellosolve	111-76-2	ACGIH	TWA	20 ppm	2007-01-01
		OSHA P0	TWA	25 ppm 120 mg/m3	1989-01-19
		OSHA P1	TWA	50 ppm 240 mg/m3	1997-08-04
sodium hydroxide; caustic soda	1310-73-2	ACGIH	CEIL	2 mg/m3	1994-09-01
		OSHA P0	C	2 mg/m3	1989-01-19
		OSHA P1	TWA	2 mg/m3	1997-08-04
		ACGIH	C	2 mg/m3	2008-01-01

Engineering measures : Provide adequate ventilation.

Eye protection : Please wear suitable protective goggles. Also wear face protection if there is a splash hazard.

Hand protection : Solvent-resistant gloves (butyl-rubber)

Skin and body protection : impervious clothing

Respiratory protection : No personal respiratory protective equipment normally required.

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Hygiene measures : Handle in accordance with good industrial hygiene and safety 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 : pleasant, mild
Flash point : 81.0 °C (177.8 °F)
Thermal decomposition : Heating can release hazardous gases.
Lower explosion limit : not applicable
Upper explosion limit : not applicable
pH : ca. 12.9
Freezing point : ca.0 °C (32 °F)
Boiling point/boiling range : ca.100 °C(212 °F)
Vapour pressure : not applicable
Density : ca.1.013 g/cm³
Water solubility : completely soluble
Viscosity, dynamic : not applicable
Viscosity, kinematic : not applicable
Volatile organic compounds (VOC) content : 4 %

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Keep away from heat and sources of ignition.
Materials to avoid : Strong acids and strong bases



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Oxidizing agents

Hazardous decomposition products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

Thermal decomposition : Heating can release hazardous gases.

Hazardous reactions : No dangerous reaction known under conditions of normal use.
Note: Stable under recommended storage conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation : Classification: Irritating to skin.
Result: Skin irritation

Eye irritation : Classification: Irritating to eyes.
Result: Eye irritation
The liquid splashed in the eyes may cause irritation and reversible damage.
Strong lachrymation can make it difficult to escape

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 : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Component:

disodium metasilicate 6834-92-0 Acute oral toxicity: LD50 rat
Dose: 1,153 mg/kg

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

Eye irritation: Classification: Causes burns.
Result: Blindness

2-butoxyethanol; ethylene glycol monobutyl ether butyl cellosolve 111-76-2 Acute oral toxicity: LD50 rat
Dose: 470 mg/kg

Acute dermal toxicity: LD50 rabbit



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Dose: 220 mg/kg

Acute inhalation toxicity: LC50 rat
Dose: 2.2 mg/l/Exposure time: 4 h

Skin irritation: Classification: Irritating to skin.
Result: Mild skin irritation

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

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

SECTION 12. ECOLOGICAL INFORMATION

Adsorbed organic bound halogens (AOX) : not included

Volatile organic compounds (VOC) content : 4 %

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

Component:

2-butoxyethanol; ethylene glycol monobutyl ether butyl cellosolve 111-76-2

Acute and prolonged toxicity for aquatic invertebrates:
EC50
Species: Daphnia magna (Water flea)
Dose: 1.7 - 1.9 g/l
Exposure time: 24 h

Toxicity to bacteria:
EC0
Species: Pseudomonas putida
Dose: 700 mg/l
Exposure time: 16 h

sodium hydroxide: caustic soda 1310-73-2

Toxicity to fish:
LC50
Species: Oncorhynchus mykiss (rainbow trout)



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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

SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations.

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

OSHA Hazards : Combustible Liquid
Moderate skin irritant
Moderate eye irritant
Toxic by ingestion
Toxic by skin absorption

TSCA Status : On TSCA Inventory

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



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SARA 311/312 Hazards : Fire Hazard
Acute Health Hazard

CERCLA Reportable Quantity : 111,111 lbs

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

Table with 2 columns: Components, CAS-No. Row 1: 2-butoxyethanol; ethylene glycol monobutyl ether butyl cellosolve, 111-76-2

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 Pennsylvania: Hazardous substance list

Table with 2 columns: Components, CAS-No. Rows: 2-butoxyethanol; ethylene glycol monobutyl ether butyl cellosolve (111-76-2), disodium metasilicate (6834-92-0), Water (7732-18-5), Alcohols, C9-11, ethoxylated (68439-46-3)

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

Table with 2 columns: Components, CAS-No. Row 1: 2-butoxyethanol; ethylene glycol monobutyl ether butyl cellosolve, 111-76-2

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

Table with 2 columns: Components, CAS-No. Rows: Water (7732-18-5), 2-butoxyethanol; ethylene glycol monobutyl ether butyl cellosolve (111-76-2), disodium metasilicate (6834-92-0), Alcohols, C9-11, ethoxylated (68439-46-3)



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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.

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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