

# SAFETY DATA SHEET

## NATRASORB BATH

Version 1

Revision Date 06/25/2014

Print Date 09/05/2014

US / Z8

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : NATRASORB BATH

Product Use Description : Cosmetic additive

Company : Akzo Nobel Surface Chemistry LLC  
525 West Van Buren  
Chicago IL 60607  
USA

Telephone : +18009069977

Fax : +13125447188

E-mail address :

Emergency telephone : Chemtrec: 800-424-9300 Canutec: 613-996-6666 Medical/Handling:  
914-693-6946

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance	powder
Color	white
Odor	mild
Hazard Summary	Risk of dust explosion.

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS Label element

Not a hazardous substance or mixture.

#### Potential Health Effects

Inhalation : Product dust may be irritating to respiratory system.

Skin : Product dust may be irritating to skin.

Eyes : Product dust may be irritating to eyes.

Ingestion : Not expected to be irritating.

Aggravated Medical Condition : None known.

Symptoms of Overexposure : No information available.

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## **Carcinogenicity:**

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

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous ingredients

Chemical Name	CAS-No.	Classification	Concentration [%]
Starch	9005-25-8		90 - 100

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## 4. FIRST AID MEASURES

- General advice : No hazards which require special first aid measures.
- Inhalation : Remove to fresh air.  
Keep patient warm and at rest.  
Rinse nose and mouth with water.
- Skin contact : Remove contaminated clothing.  
Rinse with water.
- Eye contact : Rinse with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.  
Never give anything by mouth to an unconscious person.

### Notes to physician

- Symptoms : No information available.
- Risks : No information available.
- Treatment : No information available.

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## 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during fire fighting / Specific hazards arising from the chemical : Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.
- Combustion products : No hazardous combustion products are known
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Standard procedure for chemical fires.

See also Section 9. Physical and chemical properties: Safety data

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## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Avoid dust formation.

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- Environmental precautions : No special environmental precautions required.
- Methods for cleaning up /  
Methods for containment : Sweep up and shovel.  
Keep in suitable, closed containers for disposal.
- Additional advice : For personal protection see section 8.

## 7. HANDLING AND STORAGE

### Handling

- Advice on safe handling : For personal protection see section 8.  
Avoid creating dust.  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
No special handling advice required.
- Advice on protection against  
fire and explosion : Provide appropriate exhaust ventilation at places where dust  
is formed.  
No sparking tools should be used.

### Storage

- Requirements for storage  
areas and containers : Store in original container.  
Keep in a dry place.  
Store between 40-77°F (5-25°C).  
Keep container tightly closed.
- Advice on common storage : No special restrictions on storage with other products.
- Other data : No decomposition if stored and applied as directed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### Ingredients with workplace control parameters

Ingredients	CAS-No.	Value	Control parameters	Update	Basis	Form of exposure
Starch	9005-25-8	TWA	10 mg/m3	2007-01-01	ACGIH	
	Further information	:	Dermatitis A4: Not classifiable as a human carcinogen			
		TWA	5 mg/m3	2005-09-01	NIOSH REL	Respirable
		TWA	10 mg/m3	2005-09-01	NIOSH REL	total
		TWA	15 mg/m3	2007-01-01	OSHA Z-1	total dust
		TWA	5 mg/m3	2007-01-01	OSHA Z-1	respirable fraction
		TWA	15 mg/m3	1989-01-19	OSHA P0	Total dust
		TWA	5 mg/m3	1989-01-19	OSHA P0	respirable dust fraction

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STEL: Short term exposure limit  
TWA: Time Weighted Average

## Engineering measures

Provide appropriate exhaust ventilation at places where dust is formed.

## Personal protective equipment

Eye/face protection : Safety glasses

Hand protection : Glove material: For prolonged or repeated contact use protective gloves.  
: Glove material: Protective gloves complying with EN 374.

Respiratory protection : No personal respiratory protective equipment normally required.  
In the case of dust, vapor or aerosol formation use respirator with an approved filter.  
Half mask with a particle filter P2 (EN 143).

Hygiene measures : General industrial hygiene practice.

## Environmental exposure controls

General advice : No special environmental precautions required.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form : powder

Color : white

Odor : mild

Odor Threshold : No data available

### Safety data

pH : 6.5 - 8 at 9 % solution

Melting point/freezing point : No data available

Boiling point/boiling range : not applicable

Flash point : not applicable

Ignition temperature : > 100 °C

Evaporation rate : No data available

Flammability (solid, gas) : The product is not flammable.

Lower explosion limit : No data available

Upper explosion limit : No data available

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Vapor pressure	: not applicable
Relative vapor density	: not applicable
Relative density	: No data available
Bulk density	: not determined
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, dynamic	: at 20 °C not applicable
Viscosity, kinematic	: at 20 °C not applicable
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

This material safety datasheet only contains information relating to safety and does not replace any product information or product specification.

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## 10. STABILITY AND REACTIVITY

Conditions to avoid	: None known.
Materials to avoid	: None known.
Hazardous decomposition products	: No hazardous decomposition products are known.
Thermal decomposition	: No data available
Reactivity	: Stable under normal conditions.
Chemical stability	: Stable under recommended storage conditions.
Hazardous reactions	: Dust may form explosive mixture in air.

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## 11. TOXICOLOGICAL INFORMATION

### PRODUCT INFORMATION:

#### Toxicology Assessment

Further information : No further data available.

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## Test result

Acute oral toxicity : LD50: Species: rat  
No data available

## Carcinogenicity:

**IARC** : No ingredient 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 ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**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.

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

## TOXICOLOGY DATA FOR THE INGREDIENTS:

### Test result

#### Component: Starch

Acute oral toxicity : LD50: > 5,000 mg/kg  
Species: rat  
Literature data.

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## 12. ECOLOGICAL INFORMATION

### PRODUCT INFORMATION:

#### Ecotoxicology Assessment

Additional ecological information : None known.

### Test result

#### Ecotoxicity effects

Toxicity to fish : LC50: Exposure time: 96 h  
Species: Fish  
No data available

#### Elimination information (persistence and degradability)

Bioaccumulation : Bioaccumulation is unlikely.

Mobility : No data available

Biodegradability : Result: Inherently biodegradable.  
Read-across (Analogy)

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## Further information on ecology

Biochemical Oxygen Demand (BOD) : No data available

## Hazardous to the ozone layer

Regulation : 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks : This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

## INGREDIENTS:

### Test result

#### Component: Starch

### Ecotoxicity effects

Toxicity to fish : LC50: Exposure time: 96 h  
Species: Fish  
No data available

### Elimination information (persistence and degradability)

Bioaccumulation : Bioaccumulation is unlikely.

Mobility : No data available

Biodegradability : Result: No data available

## Further information on ecology

Biochemical Oxygen Demand (BOD) : No data available

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## 13. DISPOSAL CONSIDERATIONS

Product : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## 14. TRANSPORT INFORMATION

### International regulation

#### ADR

Not regulated as a dangerous good

#### UNRTDG

Not regulated as a dangerous good



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## IATA-DGR

Not regulated as a dangerous good

## IMDG-Code

Not regulated as a dangerous good

## Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

## Further information for transport

Not classified as dangerous in the meaning of transport regulations.

## Domestic regulation

### 49 CFR

Not regulated as a dangerous good

### TDG

Not regulated as a dangerous good

### NOM-002-SCT

Not regulated as a dangerous good

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## 15. REGULATORY INFORMATION

### Notification status

CH INV	: YES. The mixture contains substances listed on the Swiss Inventory
TSCA	: YES. All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.
DSL	: YES. All components of this product are on the Canadian DSL.
AICS	: YES. On the inventory, or in compliance with the inventory
NZIoC	: YES. On the inventory, or in compliance with the inventory
ENCS	: YES. On the inventory, or in compliance with the inventory
ISHL	: YES. On the inventory, or in compliance with the inventory
KECI	: YES. On the inventory, or in compliance with the inventory
PICCS	: YES. On the inventory, or in compliance with the inventory
IECSC	: YES. On the inventory, or in compliance with the inventory

For explanation of abbreviations, see section 16.

**OSHA Hazards** : Combustible dust

### EPCRA - Emergency Planning and Community Right-to-Know

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : No SARA Hazards

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

**SARA 313** : 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.

### Clean Air Act

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This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMII Intermediate or Final VOC's (40 CFR 60.489).

## Clean Water Act

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

## California Prop. 65

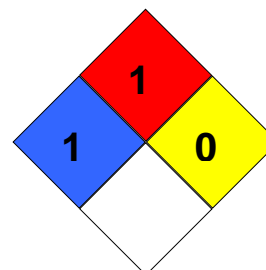
This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

## 16. OTHER INFORMATION

### Further information

**HMIS Classification** : Health Hazard: 1  
Flammability: 1  
Physical hazards: 0

**NFPA Classification** : Health Hazard: 1  
Fire Hazard: 1  
Reactivity Hazard: 0



### Notification status explanation

REACH	1907/2006 (EU)
CH INV	Switzerland. New notified substances and declared preparations
TSCA	United States TSCA Inventory
DSL	Canadian Domestic Substances List (DSL)
AICS	Australia Inventory of Chemical Substances (AICS)
NZIoC	New Zealand. Inventory of Chemical Substances
ENCS	Japan. ENCS - Existing and New Chemical Substances Inventory
ISHL	Japan. ISHL - Inventory of Chemical Substances (METI)
KECI	Korea. Korean Existing Chemicals Inventory (KECI)
PICCS	Philippines Inventory of Chemicals and Chemical Substances (PICCS)
IECSC	China. Inventory of Existing Chemical Substances in China (IECSC)

### Further information

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