



The Chemical Company

# Safety data sheet

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BASF Safety data sheet according to 91/155/EEC

Date / Revised: 2008/01/02

Product: **TETRAGUARD AS20**

Version: 1.0

(30338202/MDS\_GEN\_US/EN)

Date of print 05.01.2011

## 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

### TETRAGUARD AS20

Use: Product for construction chemicals

Company:

BASF CORPORATION

100 Campus Drive

Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Telefax number: +1 973 245-6839

E-mail address: msds@basf.com

Emergency information:

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP

## 2. HAZARDOUS INGREDIENTS

<u>Chemical</u>	<u>CAS No.</u>	<u>TLV</u>	<u>STEL</u>	<u>PEL</u>	<u>CEIL</u>	<u>Weight %</u>
POLYOXYALKYLENE ALKYL ETHER	Proprietary		N.E.	N.E.	N.E.	60.00 - 100.00 %

## 3. HAZARDS IDENTIFICATION

HMIS® Rating

HEALTH  
1

FLAMMABILITY  
1

PHYSICAL  
HAZARD  
0

WHMIS Class

: D2B

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Primary Routes of Entry : Eye contact  
 Skin contact  
 Inhalation

#### **Effects of Overexposure**

Inhalation : Can cause slight irritation.  
 Skin : Can cause slight irritation.  
 Eyes : Can cause slight irritation.  
 Ingestion : Can cause slight irritation.  
 Chronic exposure : No known information available.

#### **Carcinogenicity**

	ACGIH	IARC	NTP	OSHA
POLYOXYALKYLENE ALKYL ETHER	N.E.	N.E.	N.E.	N.E.

## **4. FIRST AID MEASURES**

Eye contact : Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion : Do not induce vomiting without medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.

Inhalation : Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

## **5. FIRE-FIGHTING MEASURES**

Flash point : 208 °F (98 °C) Method: Cleveland O.C.

Autoignition temperature : no data available

Lower explosion limit : no data available

Upper explosion limit : no data available

Suitable extinguishing media : Carbon dioxide, foam, dry chemical & water fog.

Fire and Explosion Hazards : Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray.

Special Fire-fighting Procedures : As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear.

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## 6. ACCIDENTAL RELEASE MEASURES

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Methods for cleaning up : Wear appropriate protective equipment (refer to section 8). Take action to eliminate source of leak; prevent from entry into open streams or sewers; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse residual stain with water.

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## 7. HANDLING AND STORAGE

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Handling : Keep out of reach of children. For personal protection see section 8.

Storage : Keep tightly closed.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Eye protection : Wear as appropriate:  
safety glasses with side-shields  
goggles  
face-shield

Hand protection : Wear as appropriate:  
impervious gloves

Body Protection : Wear as appropriate:  
impervious clothing  
preventive skin protection

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.

Hygienic Practices : Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls : Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Color : clear

Physical State : liquid

Odor : slight characteristic

pH : not applicable

Odor Threshold : no data available

Vapor Pressure : no data available

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Vapor Density : no data available  
Boiling point/range : no data available  
Freeze Point : no data available  
Water solubility : completely soluble  
Specific Gravity : 0.99  
Viscosity : no data available  
Evaporation rate : no data available  
Partition coefficient (n-octanol/water) : no data available  
VOC Concentration as applied : 0 g/l  
(less water and exempt solvents)

## 10. STABILITY AND REACTIVITY

Stability : Stable under recommended storage conditions.  
Conditions to avoid : Prolonged exposure to high temperatures  
Materials to avoid : strong oxidizing agents  
Hazardous decomposition products : Oxides of carbon hydrocarbons  
Hazardous polymerization : Will not occur under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

### Acute inhalation toxicity

<u>Product</u>	<u>Type</u> LC50	<u>Value</u> no data available	<u>Species</u>	<u>Exposure time</u>
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### Component

POLYOXYALKYLENE ALKYL ETHER	LC50	no data available		
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### Acute oral toxicity

<u>Product</u>	<u>Type</u> LD50 (Oral)	<u>Value</u> no data available	<u>Species</u>
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### Component

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POLYOXYALKYLENE ALKYL ETHER      LD50 (Oral)      no data available

**Acute dermal toxicity**

	<u>Type</u>	<u>Value</u>	<u>Species</u>
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<u>Product</u>	LD50 (Dermal)	no data available	
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<u>Component</u>			
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POLYOXYALKYLENE ALKYL ETHER      LD50 (Dermal)      no data available

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**12. ECOLOGICAL INFORMATION**

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Ecotoxicological Information : There is no data available for this product.

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**13. DISPOSAL CONSIDERATIONS**

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Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

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**14. TRANSPORT INFORMATION**

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DOT	: Proper shipping name	Not regulated
IATA	: Proper shipping name	Not regulated

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**15. REGULATORY INFORMATION**

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**SARA 311/312 (RTK)**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE (ACUTE) HEALTH HAZARD

**SARA 313**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>Weight %</u>	<u>CAS No.</u>	<u>Chemical Name</u>
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This product contains no chemicals subject to the SARA 313 supplier notification requirements.

**CERCLA**

CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product.

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<u>RQ</u>	<u>CAS No.</u>	<u>Chemical Name</u>
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No CERCLA chemicals exist in this product above reportable concentrations.

**TSCA Section 12(b) Export Notification**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>CAS No.</u>	<u>Chemical Name</u>
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There are no TSCA 12(b) Chemicals in this product.

**California Proposition 65**

The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at < 0.1%:

<u>CAS No.</u>	<u>Chemical Name</u>
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There are no Proposition 65 chemicals known to exist in this product.

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**16. OTHER INFORMATION**

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Legend : N.E. - Not Established  
TLV - Threshold Limit Value  
STEL - Short Term Exposure Limit  
PEL - Permissible Exposure Limit  
CEIL - Ceiling

Prepared By : Environment, Health and Safety Department

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.