

Disperplast-1150

Version 3

Revision Date 06/30/2009

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Disperplast-1150
Product Use Description : Intermediate

Company : BYK USA Inc.
524 South Cherry Street
Wallingford CT 06492

Prepared by : J.Nole, Safety; M.McCutcheon, Regulatory
Telephone : (203) 265-2086
Visit our web site : www.byk.com
E-mail address : ehs.byk.usa@altana.com
Emergency telephone : CHEMTREC 800-424-9300

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview**

Form : liquid
Colour : colourless
Odour : not significant

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR1910.1200)

Potential Health Effects

Eyes : Contact will probably cause irritation.

Skin : Contact may cause irritation.

Ingestion : Ingestion may irritate the digestive tract; high dosages may cause CNS depression.

Inhalation : None expected.

Chronic Exposure : No known chronic health effects.

Aggravated Medical Condition : None expected

Primary Routes of Entry : Skin contact
Skin absorption
Inhalation
Eyes
Ingestion

Carcinogenicity:

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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.

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.

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.

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.

Environmental Effects

Environmental Effects : No information available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**

Polar acidic ester of long chain alcohols

Hazardous components

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The specific chemical identity/weight percent of proprietary ingredient(s) is a trade secret

Component	CAS-No.	Weight %
Acidic ester	-	100.00

SECTION 4. FIRST AID MEASURES**First aid procedures**

- Inhalation : Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.
- Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water.
- Eye contact : Immediately flush with plenty of water for at least 20 minutes. Get medical aid.
- Ingestion : Do not induce vomiting. Dilute with 1-2 glasses of water. Get medical aid. Never give anything by mouth to an unconscious person.

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Notes to physician

Risks : No information available.

SECTION 5. FIRE-FIGHTING MEASURES**Flammable properties**

- Flash point : 186 °C (366.80 °F)
Method: 49 (Pensky-Martens)
- Ignition temperature : > 200 °C (> 392 °F)
- Suitable extinguishing media : Foam
Carbon dioxide (CO₂)
Dry chemical
- Unsuitable extinguishing media : No information available.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
- Specific hazards during fire fighting : Cool closed containers exposed to fire with water spray.
Will not explode on mechanical impact.
- Hazardous decomposition products due to incomplete combustion : Carbon oxides
- Further information : Keep away from heat and sources of ignition.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Eliminate all sources of ignition. Wear protective equipment: safety glasses, gloves and an appropriate respirator.
- Environmental precautions : Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.
- Methods for containment : Stop leak. Dike and contain spill.
- Methods for cleaning up : Pump into salvage tanks and/or absorb with suitable material.
Use sparkless shovels to remove material.
- Additional advice : No further information is available.

SECTION 7. HANDLING AND STORAGE**Handling**

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Handling : Avoid contact with skin and eyes.
Handle as an industrial chemical.
Keep container tightly closed.
Keep away from oxidizing agents.

Storage

Advice on common storage : No special restrictions on storage with other products.

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

Contains no substances with occupational exposure limit values.

Engineering measures

Engineering measures : Use with local exhaust ventilation.

Personal protective equipment

Eye protection : Safety Glasses
Goggles

Hand protection : Nitrile rubber

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

Respiratory protection : Not necessary.

Hygiene measures : Clean long legged, long sleeved work clothes.
Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Colour : colourless
Odour : not significant
Odor Threshold : no data available
Flash point : 186 °C (366.80 °F)
Method: 49 (Pensky-Martens)

Ignition temperature : > 200 °C (> 392 °F)

Lower explosion limit : no data available

Upper explosion limit : no data available

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pH	: no data available
Melting point/range	: < 5 °C (< 41 °F) no data available
Initial boiling point	: > 200 °C (> 392 °F) no data available
Vapour pressure	: < 1.0000000 hPa at 20 °C (68.00 °F) Method: calculated
Evaporation rate	: no data available
Density	: 1.0100 g/cm ³ at 20 °C (68.00 °F)Method: DIN EN ISO 2811-3
Bulk density	: not applicable
Water solubility	: immiscible
Partition coefficient: n- octanol/water	: no data available
Viscosity, kinematic	: at 20 °C (68.00 °F) no data available at 40 °C (104.00 °F) no data available
Relative vapour density	: no data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: None known.
Materials to avoid	: Strong oxidizing agents
Hazardous decomposition products	: None expected
Chemical stability	: Stable; polymerization will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity (Product)	: LD50 rat Dose: > 4,000.000000 mg/kg Method: OECD Test Guideline 401
Acute oral toxicity (Component)	: Component: - Acidic ester LD50 rat Dose: > 4,000 mg/kg

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Skin irritation (Product) : rabbit
Result: No skin irritation
Method: OECD Test Guideline 404

Skin irritation (Component) : Component: - Acidic ester
rabbit
Result: No skin irritation

Eye irritation (Product) : rabbit
Result: Eye irritation
Method: OECD Test Guideline 405

Eye irritation(Component) : Component: - Acidic ester
rabbit
Result: Moderate eye irritation

Sensitisation (Product) : no data available

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information (Product) : no data available

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.

SECTION 14. TRANSPORT INFORMATION

Container sizes: 55 gallon drums, 5 or 6-gallon pails, 2oz/16oz samples)

DOT Not dangerous goods

IATA Not dangerous goods

IMDG_US Not dangerous goods

SECTION 15. REGULATORY INFORMATION

HMIS Classification : Health Hazard: 2
Flammability: 1
Reactivity: 0
PPI:B

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National Fire Protection Association (NFPA) Class : IIIB

Emergency Planning Community Right-To-Know (EPCRA)

SARA 302 Components : Not applicable

If listed below, this product contains toxic chemical(s) 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.

SARA 311/312 Hazards : Acute Health Hazard

Toxic Substances Control Act (TSCA)

TSCA Status : We certify that all of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements (exempt)

Section 4 / 12(b) : Not applicable

Clean Air Act & Related Information

Non-volatile (Wt) : 99.00 %
Method: 22 (10min/150°C)
DIN EN ISO 3251

Ozone Depleting Substances : Not applicable.

Non-volatile information is not a specification.

Hazardous Air Pollutants

If not listed above, this product does not contain HAPs at 1% or 0.1% or greater. Refer to Section 3 for HAP weight percentage.

Resource Conservation and Recovery Act

EPA Hazardous Waste Code(s) : Not applicable.

State Laws

Massachusetts Right To Know Components : No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components : Acidic ester -

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New Jersey Right To Know Components : Acidic ester -

New Jersey Trade Secret Registry Number for the product (NJ TSRN) : 800963-5290

California Prop. 65 Components : Not applicable.

CONEG Heavy Metal: We certify that this product does not contain Lead, Mercury, Cadmium or hexavalent chromium in the sum concentration of 100 ppm by weight or greater.

Canadian Environmental Protection Act

Domestic Substances List
DSL Status : We certify that all of the components of this product are listed on the DSL.

WHMIS Classification : D2B

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.