1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier
Product Code 20300951
Product name KEYAZINE™ METHYLENE BLUE 2B

Recommended use of the chemical and restrictions on use
Synonyms N/A

Supplier's details
Recommended use Industrial Use Only.
Uses advised against No information available

Details of the Supplier of the Safety Data Sheet
Keystone Corporate Office
2501 W Fulton Street
Chicago, IL 60612
Ph 312-666-2015
Ph 1-800-522-4393

Keystone Liquid Manufacturing and Technical Facility
2165 Highway 292
Inman, SC 29349
Ph 864 473-1601

Emergency Telephone Number
USA: 1-800-255-3924
China: (400-1)-400-120-0751
Other: Collect 1-813-248-0585

2. Hazards Identification

Classification
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2

signal word WARNING

hazard statements
H315 - Causes skin irritation
H319 - Causes serious eye irritation

appearance blue to brownish powder

Physical State Powder

Odor Slight

precautionary statements P270 - Do not eat, drink or smoke when using this product
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel
unwell
P330 - Rinse mouth
P501 - Dispose of contents/ container to an approved waste disposal plant
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 - Call a POISON CENTER or doctor if you feel unwell
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P321 - Specific treatment (see supplemental first aid instructions on this label)
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION
Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Blue 9</td>
<td>61-73-4</td>
<td>100%</td>
<td>*</td>
</tr>
</tbody>
</table>

4. First aid measures

First aid measures for different exposure routes

General Advice
If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

Eye Contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin Contact
Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

INHALATION
Move to fresh air. Consult a physician. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

INGESTION
Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.

Protection of First-aiders
Use personal protective equipment.

Most important symptoms/effects, acute and delayed

Main Symptoms
No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician
Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

www.Lagunaclay.com  800-452-4862  info@lagunaclay.com
Unsuitable extinguishing media  
Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical  
No information available.

Explosion Data  
Sensitivity to Mechanical Impact  None.
Sensitivity to Static Discharge  Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters  
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions  
Avoid contact with the skin and the eyes. Use personal protective equipment. For personal protection see section 8. Ensure adequate ventilation.

Environmental Precautions  
Environmental Precautions  
Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up

Methods for containment  
Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up  
Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for Safe Handling

Advice on safe handling  
Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions  
Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

Incompatible Products  
None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines  
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures  
Showers
Eyewash stations
Ventilation systems. Apply technical measures to comply with the occupational exposure limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection  
Tightly fitting safety goggles. Eyewash fountains should be provided in areas where there is
any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye protection. Avoid contact with eyes.

Skin and Body Protection
Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory Protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures
Do not eat, drink or smoke when using this product.

9. Physical and Chemical Properties

Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Values</th>
<th>Remarks  • Method</th>
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<tbody>
<tr>
<td>appearance</td>
<td>Powder</td>
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<td>odor threshold</td>
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<td>vapor pressure</td>
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<td>Dynamic viscosity</td>
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OTHER INFORMATION

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<th>Property</th>
<th>Values</th>
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<td>Molecular Weight</td>
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<td>VOC Content(%)</td>
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<td>density</td>
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10. Stability and Reactivity

Reactivity
no data available

Chemical Stability
Stable under recommended storage conditions.

Hazardous Reactions
None under normal processing

Conditions to avoid
Extremes of temperature and direct sunlight.

incompatible materials
None known based on information supplied.

Hazardous decomposition products
May emit toxic fumes under fire conditions.
11. Toxicological Information

Information on Likely Routes of Exposure

Product information

INHALATION
Avoid breathing vapors or mists.

Eye Contact
Irritating to eyes.

Skin Contact
Irritating to skin.

INGESTION
Not an expected route of exposure. Do NOT taste or swallow.

Information on Toxicological Effects

Symptoms
No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin Corrosion/Irritation
Irritating to skin.

Eye damage/irritation
Irritating to eyes.

sensitization
No information available.

Germ cell mutagenicity
No information available.

carcinogenicity
No information available.

Reproductive Toxicity
No information available.

Specific target organ systemic toxicity (single exposure)
No information available.

Specific target organ systemic toxicity (repeated exposure)
No information available.

Aspiration Hazard
No information available.

Numerical Measures of Toxicity - Product information

Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 1180 mg/kg

12. Ecological Information

ecotoxicity
100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Other Adverse Effects
No information available

13. Disposal Considerations

Waste treatment

Waste Disposal Methods
Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging
Do not re-use empty containers. Dispose of in accordance with local regulations.
14. TRANSPORT INFORMATION

DOT
Description
NOT REGULATED

MEX

IATA
Description
NOT REGULATED

IMDG
Description
NOT REGULATED

RID

ADN

15. Regulatory Information

International Inventories

TSCA
Listed

EINECS/ELINCS
Listed

DSL
Listed

NDSL
Not Determined

PICCS
Listed

ENCS
Listed

IECSC
Listed

AICS
Listed

KECL
Listed

NZIoC
Listed

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

REACH registration number
Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICIONS - REACH TITLE VIII
No information available

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories
Acute health hazard
YES.

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Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

Mexico - Grade  Slight risk, Grade 1.

CANADA

WHMIS Note
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
D2B  Toxic materials

HMIS  Health Hazard 2  flammability 1  Physical hazard 0  PERSONAL PROTECTION F
### 16. Other Information

<table>
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<tr>
<th><strong>Revision Date</strong></th>
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<tr>
<td><strong>Revision note</strong></td>
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<td><strong>Restrictions on use</strong></td>
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<tr>
<td><strong>Contact Information Website</strong></td>
<td><a href="http://WWW.DYES.COM">WWW.DYES.COM</a>.</td>
</tr>
</tbody>
</table>

**Disclaimer**

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Material Safety Data Sheet