SAFETY DATA SHEET

Issuing Date 02-Apr-2019  Revision Date 02-Apr-2019  Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name H3 WINDOW WIRES 24CT BN3

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use For cleaning the glass of windows

Uses advised against no information available

Details of the supplier of the safety data sheet

Supplier Address
No.33, the third branch said road, XEDA,
Tianjin, China

Emergency telephone number +86 22 58335662

Company Emergency Phone Number For Medical Emergencies call: + 86 22 58335663
Transportation Emergencies, + 82 22 58335662
2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label elements, including precautionary statements

Emergency Overview

Signal word: Danger

The product contains no substances which at their given concentration, are not considered to be hazardous to health.

Hazard statements

Appearance white fabric Physical State solid Odor

Precautionary Statements - Prevention
Obtain special instructions before

Precautionary Statements - Response
None

Eyes
wash with plenty of water for 15mins.

Skin
None

Precautionary Statements - Storage
None

Precautionary Statements - Disposal
None

Hazards not otherwise classified (HNOC)
N/A

Unknown Toxicity
No information available

Other information
No information available

Interactions with Other Chemicals
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>Aqua(140.98g)</td>
<td>7732-15-5</td>
<td>97.235</td>
<td>*</td>
</tr>
<tr>
<td>Isopropanol(2.16g)</td>
<td>67-63-0</td>
<td>1.5</td>
<td>*</td>
</tr>
<tr>
<td>Ethanol(1.74g)</td>
<td>64-17-5</td>
<td>1.2</td>
<td>*</td>
</tr>
<tr>
<td>Lauramidopropylamine Oxide(0.073g)</td>
<td>61792-31-2</td>
<td>0.05</td>
<td>*</td>
</tr>
<tr>
<td>Parfum(0.022g)</td>
<td>RR-13884-5</td>
<td>0.015</td>
<td>*</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

General Advice
N/a

Eye Contact
Rinse thoroughly with plenty of water. If symptoms persist, call a physician.

Skin Contact
N/a

Inhalation
Move to fresh air. If symptoms persist, call a physician.

Ingestion
N/a

Protection of First-aiders
N/a

Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects
No information available

Indication of any immediate medical attention and special treatment needed

Notes to Physician
Treatment symptomatically.
5. FIRE-FIGHTING MEASURES

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

Unsuitable Extinguishing Media
.Caution: use of water spray when fighting fire may inefficient.

Specific Hazards Arising from the Chemical
.
Uniform Fire Code: Combustible liquid: III-B

Hazardous Combustion Products
.Carbon oxides

Explosion Data
.Sensitivity to Mechanical Impact: No
.Sensitivity to Static Discharge: No

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: avoid contact with eyes.

Other Information: N/A

Environmental precautions

Environmental Precautions: refer to protective measures listed in Section 7 and 8

Methods and material for containment and cleaning up

Methods for Containment: prevent further leakage or spillage if safe to do so

Methods for Cleaning Up: Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling: Keep container tight closed. Keep container closed when not in use.

Conditions for safe storage, including any incompatibilities

Storage: 4-30 degree

Incompatible Products: None known
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
</table>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines

Vacated limits revoked by the court of appeals decision in AFC-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate engineering controls

Engineering Measures

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

No special protective equipment required.

Skin and Body Protection

No special protective equipment required.

Respiratory Protection

No special protective equipment required.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State: solid

Appearance: Fabric

Color: white

Odor: Odor Threshold

No information available
# 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Soluble in water</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>None known</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No data available</td>
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</tr>
</tbody>
</table>

**Other Information**
- Softening Point: No data available
- VOC Content (%): No data available
- Particle Size: No data available
- Particle Size Distribution: No data available

# 10. STABILITY AND REACTIVITY

## Reactivity

- 

## Chemical stability

## Possibility of Hazardous Reactions

## Hazardous Polymerization

## Conditions to avoid

## Incompatible materials

## Hazardous Decomposition Products

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

<table>
<thead>
<tr>
<th>Route</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>No information available</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>No information available</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>No information available</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No information available</td>
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</tbody>
</table>

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No information available</td>
</tr>
</tbody>
</table>

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

Sensitization

<table>
<thead>
<tr>
<th>Sensitization</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No information available</td>
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</tbody>
</table>

Mutagenic Effects

<table>
<thead>
<tr>
<th>Mutagenic Effects</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No information available</td>
</tr>
</tbody>
</table>

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ACGIH: (American Conference of Governmental Industrial Hygienists)
A3 : Animal Carcinogen
IARC: (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive Toxicity

<table>
<thead>
<tr>
<th>Reproductive Toxicity</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No information available</td>
</tr>
</tbody>
</table>

STOT - single exposure

<table>
<thead>
<tr>
<th>STOT - single exposure</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No information available</td>
</tr>
</tbody>
</table>

STOT - repeated exposure

<table>
<thead>
<tr>
<th>STOT - repeated exposure</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic Toxicity</td>
<td>No information available</td>
</tr>
<tr>
<td>Target Organ Effects</td>
<td>No information available</td>
</tr>
</tbody>
</table>

Aspiration Hazard

<table>
<thead>
<tr>
<th>Aspiration Hazard</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No information available</td>
</tr>
</tbody>
</table>

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral)
6,565.00 mg/kg
ATEmix (dermal)
50,000.00 mg/kg (ATE)

ATEmix (Inhalation-dust/mist)
50.00 mg/L

ATEmix (Inhalation-vapor)
275.00ATEmix

12. ECOLOGICAL INFORMATION

Ecotoxicity
No information available

Persistence and Degradability
No information available

Bioaccumulation
No information available

Other Adverse Effects
No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods
This material, as supplied, is a hazardous waste according to federal regulations (40 CFR261).

Contaminated Packaging
dispose of in accordance with local regulations.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>D004, D06, D08</td>
<td></td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name: not regulated
Hazard Class: consumer commodity, ORM-D

TDG
Not regulated

MEX
Not regulated

ICAO
Not regulated

IATA
Proper Shipping Name: not regulated
Hazard Class:
14. TRANSPORT INFORMATION

IMDG/IMO
Hazard Class
Not regulated

RID
Not regulated

ADR
Not regulated

ADN
Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA
Complies

DSL
all components are listed either on the DSL or NDSL

TSCA - united states toxic substances control act sections 8(b) inventory
DSL/NDSL - canadian domestic substances list/non-domestic substances list

U.S. Federal Regulations

SARA 313

SARA 311/312 Hazard Categories

Acute Health Hazard
no

Chronic Health Hazard
no

Fire Hazard
no

Sudden Release of Pressure Hazard
no

Reactive Hazard
no

Clean Water Act

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
</table>

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
</tr>
</thead>
</table>

U.S. State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Rhode Island</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

International Regulations

Mexico
National occupational exposure limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mexico - Occupational Exposure Limits - Carcinogens
A3 - Confirmed Animal Carcinogen

Canada
WHMIS Hazard Class

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards -</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Personal Protection</td>
</tr>
<tr>
<td>HMIS</td>
<td>Health Hazard</td>
<td>Flammability</td>
<td>Physical Hazard</td>
<td>Personal Protection</td>
</tr>
<tr>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

Prepared By
Issuing Date 02-Apr-2019
Revision Date 02-Apr-2019
Revision Note

General Disclaimer
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

End of Safety Data Sheet