



## Safety Data Sheet

### WB ANTI-YELLOWING HARDENER FOR WB PRODUCTS

Safety Data Sheet dated: 12/10/2021 - version 1

Date of first edition: 12/10/2021

## 1. IDENTIFICATION

### Product identifier

Mixture identification:

Trade name: WB ANTI-YELLOWING HARDENER FOR WB PRODUCTS

### Other means of identification:

Trade code: CA500

### Recommended use of the chemical and restrictions on use

Recommended use: Hardener for professional/industrial use N.A.

Restrictions on use: N.A.

### Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company: ICA North America  
169 Main Street  
West Lorne, ON  
N0L 2P0  
Canada

Responsible: regulatoryaffairs@icaspa.com

### Emergency telephone number

For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire,

Exposure, or Accident Call CHEMTREC Day or Night

Within USA and Canada: 1 -800-424-9300

## 2. HAZARD(S) IDENTIFICATION



### Classification of the chemical

Flam. Liq. 3	Flammable liquid and vapour.
Acute Tox. 4	Harmful if inhaled.
Skin Sens. 1	May cause an allergic skin reaction.
STOT SE 3	May cause respiratory irritation.
Aquatic Chronic 3	Harmful to aquatic life with long lasting effects.

### Label elements

#### Pictograms and Signal Words



Warning

### Hazard statements

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

### Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P240	Ground/bond container and receiving equipment.
P241	P241.1
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.

- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 Call a POISON CENTER if you feel unwell.
- P321 Specific treatment (see safety data sheet).
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P370+P378 In case of fire, use a dry powder fire extinguisher to extinguish.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with applicable regulations.

**Dir. 2004/42/EC (VOC directive)**

This product contains max 254.61 g/l VOC.

**Hazards not otherwise classified identified during the classification process:**

None

**Additional classification information**



HMIS Health: 0 = MINIMAL  
 HMIS Flammability: 2 = Combustible liquid  
 HMIS Reactivity: 0 = MINIMAL  
 HMIS P.P.E.: Safety glasses, gloves  
 NFPA Health: 0 = MINIMAL  
 NFPA Flammability: 3 = Flammable liquid  
 NFPA Reactivity: 0 = MINIMAL  
 NFPA Special Risk: NONE

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substances**

N.A.

**Mixtures**

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

**List of components**

Qty	Name	Ident. Numb.	Classification	Registration Number
≥ 75%	Hydrophilic aliphatic polyisocyanate	CAS:160994-68-3	Skin Sens. 1, H317; Acute Tox. 4, H332; STOT SE 3, H335; Aquatic Chronic 3, H412	

**4. FIRST AID MEASURES**

**Description of first aid measures**

In case of skin contact:

- Immediately take off all contaminated clothing.
- Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

- Wash immediately with water.

In case of Ingestion:

- Do not induce vomiting, get medical attention showing the SDS and label hazardous.

In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

**Most important symptoms/effects, acute and delayed**

N.A.

**Indication of any immediate medical attention and special treatment needed**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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**5. FIRE-FIGHTING MEASURES**

**Extinguishing media**

Suitable extinguishing media:

**Unsuitable extinguishing media:**

None in particular.

**Specific hazards arising from the chemical**

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: N.A.

Explosive properties: N.A.

Oxidizing properties: N.A.

**Special protective equipment and precautions for fire-fighters**

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

**Methods and material for containment and cleaning up**

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

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**7. HANDLING AND STORAGE**

**Precautions for safe handling**

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use on extensive surface areas in premises where there are occupants.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

**Conditions for safe storage, including any incompatibilities**

Storage temperature: N.A.

Always keep in a well ventilated place.

Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Avoid accumulating electrostatic charge.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

No data available

Appropriate engineering controls: N.A.

### **Individual protection measures**

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

Physical State Liquid

Appearance and colour: Liquid transparent

Odour: characteristic

Odour threshold: N.A.

pH: N.A.

Melting point / freezing point: N.A.

Initial boiling point and boiling range: 148 °C (298 °F)

Flash point: 23°C / 60°C

Evaporation rate: N.A.

Upper/lower flammability or explosive limits: N.A.

Vapour density: N.A.

Vapour pressure: N.A.

Relative density: 1.11 g/ml

Solubility in water: Insoluble

Solubility in oil: N.A.

Partition coefficient (n-octanol/water): N.A.

Auto-ignition temperature: N.A.

Decomposition temperature: N.A.

Viscosity: N.A.

Explosive properties: N.A.

Oxidizing properties: N.A.

Solid/gas flammability: N.A.

VOC content (g/L) in the product (2010/75/UE) 254.61

VOC content % in the product (2010/75/UE) 23.00

### **Other information**

Substance Groups relevant properties N.A.

Miscibility: N.A.

Fat Solubility: N.A.

Conductivity: N.A.

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## **10. STABILITY AND REACTIVITY**

### **Reactivity**

It may generate dangerous reactions (See subsections below)

### **Chemical stability**

It may generate dangerous reactions (See subsections below)

### **Possibility of hazardous reactions**

None.

### **Conditions to avoid**

Avoid accumulating electrostatic charge.

### **Incompatible materials**

Avoid contact with combustible materials. The product could catch fire.

### **Hazardous decomposition products**

None.

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## **11. TOXICOLOGICAL INFORMATION**

### **Information on toxicological effects**

### Toxicological Information of the Preparation

a) acute toxicity	The product is classified: Acute Tox. 4(H332)
b) skin corrosion/irritation	Not classified Based on available data, the classification criteria are not met
c) serious eye damage/irritation	Not classified Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation	The product is classified: Skin Sens. 1(H317)
e) germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified Based on available data, the classification criteria are not met
h) STOT-single exposure	The product is classified: STOT SE 3(H335)
i) STOT-repeated exposure	Not classified Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified Based on available data, the classification criteria are not met

### Toxicological information on main components of the mixture:

Hydrophilic aliphatic polyisocyanate	a) acute toxicity	LD50 Oral 2000 mg/kg
	b) skin corrosion/irritation	LD50 Skin 2000 mg/kg
	j) aspiration hazard	LC50 Inhalation Vapour 0.39 mg/l 4h

### Substance(s) listed on the IARC Monographs:

None

### Substance(s) listed as OSHA Carcinogen(s):

None

### Substance(s) listed as NIOSH Carcinogen(s):

None

### Substance(s) listed on the NTP report on Carcinogens:

None

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## 12. ECOLOGICAL INFORMATION

### Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

### List of Eco-Toxicological properties of the product

The product is classified: Aquatic Chronic 3(H412)

### Persistence and degradability

N.A.

### Bioaccumulative potential

N.A.

### Mobility in soil

N.A.

### Other adverse effects

N.A.

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## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

## 14. TRANSPORT INFORMATION

### UN number

ADR-UN number: 1866  
DOT-UN Number: UN1866  
IATA-Un number: 1866  
IMDG-Un number: 1866

### UN proper shipping name

ADR-Shipping Name: RESIN SOLUTION, flammable (having a flash- point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa, boiling point of more than 35 °C)  
DOT Proper Shipping Name: Resin solution, flammable  
IATA-Technical name: RESIN SOLUTION flammable  
IMDG-Technical name: RESIN SOLUTION flammable

### Transport hazard class(es)

ADR-Class: 3  
DOT Hazard Class: 3  
IATA-Class: 3  
IMDG-Class: 3

### Packing group

ADR-Packing Group: III  
ADR exempt: III  
IATA-Packing group: III  
IMDG-Packing group: III

### Environmental hazards

Marine pollutant: No  
Environmental Pollutant: N.A.

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

### Special precautions

Department of Transportation (DOT):

DOT-Special Provision(s): B1, B52, IB3, T2, TP1  
DOT Label(s): 3  
DOT Symbol: N/A  
DOT Cargo Aircraft: N/A  
DOT Passenger Aircraft: N/A  
DOT Bulk: N/A  
DOT Non-Bulk: N/A

Road and Rail ( ADR-RID ) :

ADR exempt: No  
ADR-Label: 3  
ADR - Hazard identification number: 30  
ADR-Transport category (Tunnel restriction code): 3 (D/E)

Air ( IATA ) :

IATA-Passenger Aircraft: 355  
IATA-Cargo Aircraft: 366  
IATA-Label: 3  
IATA-Subsidiary hazards: -  
IATA-Erg: 3L  
IATA-Special Provisioning: A3

Sea ( IMDG ) :

IMDG-Stowage Code: Category A  
IMDG-Stowage Note: -  
IMDG-Subsidiary hazards: -  
IMDG-Special Provisioning: 223 955  
IMDG-Page: N/A  
IMDG-Label: N/A  
IMDG-EMS: F-E, S-E  
IMDG-MFAG: N/A

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## 15. REGULATORY INFORMATION

### USA - Federal regulations

#### TSCA - Toxic Substances Control Act

##### TSCA inventory:

All the components are listed on the TSCA inventory

##### TSCA listed substances:

Hydrophilic aliphatic polyisocyanate is listed in TSCA Section 8b

#### SARA - Superfund Amendments and Reauthorization Act

##### Section 302 - Extremely Hazardous Substances:

No substances listed

##### Section 304 - Hazardous substances:

No substances listed

##### Section 313 - Toxic chemical list:

No substances listed

#### CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

##### Substance(s) listed under CERCLA:

No substances listed

#### CAA - Clean Air Act

##### CAA listed substances:

No substances listed

#### CWA - Clean Water Act

##### CWA listed substances:

No substances listed

### USA - State specific regulations

#### California Proposition 65

##### Substance(s) listed under California Proposition 65:

No substances listed

#### Massachusetts Right to know

##### Substance(s) listed under Massachusetts Right to know:

No substances listed

#### Pennsylvania Right to know

##### Substance(s) listed under Pennsylvania Right to know:

No substances listed

#### New Jersey Right to know

##### Substance(s) listed under New Jersey Right to know:

No substances listed

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## 16. OTHER INFORMATION

Code	Description
H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

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The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and

constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

**Legend to abbreviations and acronyms used in the safety data sheet:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

CLP: Classification, Labeling, Packaging.

EINECS: European Inventory of Existing Commercial Chemical Substances.

INCI: International Nomenclature of Cosmetic Ingredients.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

GefStoffVO: Ordinance on Hazardous Substances, Germany.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

WGK: German Water Hazard Class.

KSt: Explosion coefficient.

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage.