



## THE INTERNATIONAL GROUP, INC.

### SAFETY DATA SHEET

#### 1. IDENTIFICATION

<b>Product identifier</b>	IGI 9200 series
<b>Other means of identification</b>	Norub series
<b>Recommended use and restrictions on use</b>	Treatment for paper based substrates
<b>Manufacturer</b>	The International Group, Inc. 50 Salome Dr. Toronto, ON M1S 2A8
<b>Phone</b>	+1 416-293-4151
<b>Emergency Phone, CHEMTREC</b>	+1 800-424-9300

#### 2. HAZARDS IDENTIFICATION

<b>Classification of the product</b>	No need for classification according to GHS criteria for this product.
<b>Label elements</b>	The product does not require a hazard warning label in accordance with GHS criteria.
<b>Hazards not otherwise classified</b>	No specific dangers known, if the regulations/notes for storage and handling are considered.
<b>Emergency overview</b>	If used as intended, this product is not expected to present a physical or health hazard. Ensure adequate ventilation. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear full face shield if splashing hazard exists.

#### 3. COMPOSITION INFORMATION ON INGREDIENTS

<b>Components</b>	<b>CAS #</b>	<b>WT %</b>
This product does not contain any components classified as hazardous.		

#### 4. FIRST AID MEASURES

<b>Inhalation</b>	Move person to fresh air. If breathing is affected, get medical attention.
<b>Ingestion</b>	Rinse mouth and drink 1-2 glasses of water. Seek medical attention. Do not induce vomiting unless directed by medical personnel. Do not administer anything by mouth to an unconscious person.
<b>Eyes</b>	Flush with water for 15 min. If irritation develops, get medical attention.
<b>Skin</b>	Wash with soap and water. If irritation develops, get medical attention.
<b>Most important symptoms and effects, both acute and delayed</b>	Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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

Provide general supportive measures and treat symptomatically.

**General Information** If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance.

**5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Water fog, CO <sub>2</sub> , dry chemical or foam (applicable for combustible residue)
<b>Specific hazards arising from the chemical</b>	By heating and fire, irritating vapors/gases may be formed. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire
<b>Firefighting equipment and/or instructions</b>	In case of fire and/or explosion do not breathe fumes. Cool containers exposed to heat with water spray and remove container, if no risk is involved.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions, protective equipment and emergency procedures</b>	Use personal protective clothing.
<b>Environmental precautions</b>	Prevent spilled material from contaminating soil or entering drains and sewers
<b>Methods and material for containment and cleaning up</b>	Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Pump off product or absorb in vermiculite, dry sand or earth and place into containers.  Small spills: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

**7. HANDLING AND STORING**

<b>Handling</b>	Avoid repeated, prolonged skin contact. Avoid eye contact. Eye wash station and safety shower should be readily accessible
<b>Conditions for safe storage, including any incompatibilities</b>	Normal above freezing storage for non-hazardous product. Keep containers closed when not in use. Store in a cool, dry place with adequate ventilation.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
<b>Respiratory Protection</b>	Use appropriate respiratory protection to prevent overexposure.
<b>Skin Protection</b>	Suitable gloves, boots and apron.
<b>Eye/Face Protection</b>	Safety glasses with side-shields. Wear face shield if splashing hazard exists.
<b>General hygiene considerations</b>	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Odor</b>	Mild chemical odor
<b>Odor threshold</b>	Not available
<b>Color</b>	White
<b>pH</b>	8 - 11
<b>Boiling Point</b>	Approx. 100° C (212° F)
<b>Freezing Point</b>	Approx. 0° C (32°F)
<b>Flammability</b>	Not flammable
<b>Autoignition</b>	Does not ignite
<b>Solubility in Water</b>	Dispersible
<b>Specific Gravity</b>	0.95 – 1.05
<b>Vapor Density</b>	Not available
<b>Vapor Pressure</b>	Not available
<b>Viscosity</b>	Approx. 100 – 500 cP
<b>Volatile by Weight, %</b>	50 - 75

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport
<b>Conditions to avoid</b>	Avoid freezing (< 0°C). Product can decompose at elevated temperatures.
<b>Materials to avoid</b>	Addition of acids may cause coagulation.

<b>Hazardous decomposition products</b>	Thermal decomposition may cause various hydrocarbons and irritating vapors.
<b>Chemical stability</b>	The product is stable if stored and handled as prescribed

## 11: TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	No adverse effect due to inhalation are expected
<b>Skin contact</b>	No adverse effect due to skin contact are expected
<b>Eye contact</b>	Direct contact may cause temporary irritation
<b>Ingestion</b>	Expected to be a low ingestion hazard

### Information on toxicological effects

<b>Acute toxicity</b>	Estimated to be >5000 mg/kg (rat)
<b>Oral LD50</b>	Estimated to be >5000 mg/kg (rat)
<b>Inhalation LC50</b>	Not a respiratory sensitizer
<b>Skin irritation</b>	Prolonged skin contact may cause temporary irritation
<b>Chronic toxicity/effects</b>	None known.
<b>Genetic toxicity</b>	Not available.
<b>Carcinogenicity</b>	Not available.
<b>Reproductive toxicity</b>	Not available.
<b>Teratogenicity</b>	Not available.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have harmful or damaging effect on the environment.
<b>Persistence and degradability</b>	Data not available.
<b>Bioaccumulative potential</b>	Data not available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste disposal method</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Container disposal</b>	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

#### 14. TRANSPORTATION INFORMATION

The transportation information may vary according to package size. Please refer to Bill of Lading for specific information.

<b>US DOT Classification</b>	Not regulated
<b>Canada TDG Classification</b>	Not regulated
<b>UN #</b>	None

#### 15. REGULATORY INFORMATION

Please refer to the Technical Information Sheet for additional information.

##### Chemical Inventories

Toxic Substances Control Act Inventory (TSCA)	Ingredients appear on the TSCA Inventory
Canadian Domestic Substances List (DSL)	Ingredients of this product appear on the DSL
<b>California Proposition 65</b>	None
<b>Canadian WHMIS Classification</b>	Not classified
<b>CPR Compliance</b>	This product has been classified in accordance with the hazard criteria of the CPR/HPA and the SDS contains all of the information required by the CPR/HPA.

##### International regulations

Stockholm Convention	Not Applicable
Rotterdam Convention	Not Applicable
Kyoto Protocol	Not Applicable
Montreal Protocol	Not Applicable
Basel Convention	Not Applicable

#### 16: OTHER INFORMATION

<b>SDS prepared by</b>	IGI Regulatory
<b>Issue Date</b>	June 1, 2015
<b>Last revision</b>	June 1, 2015
<b>HMIS ratings</b>	Health: 1 Flammability: 0 Physical Hazard: 0

**Disclaimer** This material safety data sheet is offered for your information only. We believe the statements, technical information and recommendations contained herein are reliable, but are given without warranty or guarantee of any kind, expressed or implied. THE INTERNATIONAL GROUP, INC. assumes no responsibility for any loss, damage or expense, direct or consequential, arising from the use of our material. It is the responsibility of the user to determine the suitability and completeness of such information for the required use or application. We do not assume any legal responsibility for nor do we give permission, inducement or recommendation to practice any patented invention without a license. Further, it is the user's obligation to utilize this material in full compliance with all health, safety and environmental regulations.

**PRODUCT NUMBER**

9201A

9201B

9201C

9201D

9201E

9202A

9202B