



THE INTERNATIONAL GROUP, INC.

SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier	IGI 9300 series (See page 6 for complete listing)
Other means of identification	Vapor-Guard series
Recommended use and restrictions on use	Treatment for paper based substrates
Manufacturer	The International Group, Inc. 50 Salome Dr. Toronto, ON M1S 2A8
Phone	+1 416-293-4151
Emergency Phone, CHEMTREC	+1 800-424-9300

2. HAZARDS IDENTIFICATION

Classification of the product	No need for classification according to GHS criteria for this product.
Label elements	The product does not require a hazard warning label in accordance with GHS criteria.
Hazards not otherwise classified	No specific dangers known, if the regulations/notes for storage and handling are considered.
Emergency overview	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

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

4. FIRST AID MEASURES

Inhalation	Move person to fresh air. If breathing is affected, get medical attention.
Ingestion	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.
Eyes	Flush with water for 15 min. If irritation develops, get medical attention.
Skin	Wash with soap and water. If irritation develops, get medical attention.
Most important symptoms and effects, both acute and delayed	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

Extinguishing Media	Water fog, CO ₂ , dry chemical or foam (applicable for combustible residue)
Specific hazards arising from the chemical	By heating and fire, irritating vapors/gases may be formed. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire
Firefighting equipment and/or instructions	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.
Specific methods	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

Personal precautions, protective equipment and emergency procedures	Use personal protective clothing.
Environmental precautions	Prevent spilled material from contaminating soil or entering drains and sewers
Methods and material for containment and cleaning up	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

Handling	Avoid repeated, prolonged skin contact. Avoid eye contact. Eye wash station and safety shower should be readily accessible
Conditions for safe storage, including any incompatibilities	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

Appropriate engineering controls	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.
Respiratory Protection	Use appropriate respiratory protection to prevent overexposure.
Skin Protection	Suitable gloves, boots and apron.
Eye/Face Protection	Safety glasses with side-shields. Wear face shield if splashing hazard exists.
General hygiene considerations	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

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

10. STABILITY AND REACTIVITY

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

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

11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

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

Information on toxicological effects

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

12. ECOLOGICAL INFORMATION

Ecotoxicity	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.
Persistence and degradability	Data not available.
Bioaccumulative potential	Data not available.
Other adverse effects	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

Waste disposal method	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.
Container disposal	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.

US DOT Classification	Not regulated
Canada TDG Classification	Not regulated
UN #	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

California Proposition 65 None

Canadian WHMIS Classification Not classified

CPR Compliance 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

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

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PRODUCT NUMBER

9301A
9301B
9301C
9311A
9311B
R5341A
R5341B
R5372B
R5372C
R5715A