



Safety Data Sheet

Section 1: Identification

Product identifier

Product Name

- **PGT IGR 30000/A**

Chemical Name

- Terpenoid

Synonyms

CAS Number

- IGR 30000A & IGR 30000, EPA Registered(81390-4)&(81390-2) respectively, FDA Compliant additive for Food Packaging Polymers.
- 65733-16-6

Chemical Category

- Terpenes and terpenoids, limonene fractionated, polymer with terpenes and terpenoids

Product Description

- Clear pale yellow liquid.

Molecular Formula

- Trade Secret

Relevant identified uses of the substance or mixture and uses advised against

Recommended use

- Insect growth regulator; Bio-Pesticide safe for food packaging

Restrictions on use

- Keep out of public waterways except as permitted by applicable government authorities. Avoid contact with skin and eyes. Keep out of reach of children.

Details of the supplier of the safety data sheet

Manufacturer

- ProvisionGard Technology, LLC, 415 Pisgah Church Road, #200, Greensboro NC 27455

Emergency telephone number

Manufacturer

- 1-800-248-7763

Manufacturer (Transportation)

- 1-800-424-9300 - CHEMTREC

Manufacturer (Transportation)

- 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

Section 2: Hazard Identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

- Not classified; does not meet hazard criteria.

Label elements

OSHA HCS 2012

Hazard statements ● No label element(s) required

Other hazards

OSHA HCS 2012

- This bio pesticide is toxic to aquatic invertebrates.

Section 3 - Composition/Information on Ingredients**Substances**

Composition		
Chemical Name	Identifiers	%
IGR 30000/A	CAS:65733-16-6	94%
Impurities	NDA	<= 6%

Mixtures

- Material does not meet the criteria of a mixture.

Section 4: First-Aid Measures**Description of first aid measures**

- | | |
|-------------------|---|
| Inhalation | ● Administer oxygen if breathing is difficult. Remove to fresh air. |
| Skin | ● In case of contact with substance, immediately flush skin with running water for at least 20 minutes. |
| Eye | ● In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. |
| Ingestion | ● First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. |

Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

- | | |
|---------------------------|---|
| Notes to Physician | ● Treat symptomatically and supportively. |
|---------------------------|---|

Section 5: Fire-Fighting Measures**Extinguishing media**

- | | |
|---------------------------------------|---|
| Suitable Extinguishing Media | ● LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical, CO2, water spray or regular foam. |
| Unsuitable Extinguishing Media | No data available. |

Firefighting Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.
Keep unauthorized personnel away.
LARGE FIRES: Move containers from fire area if you can do it without risk.
Do not allow fire fighting water to escape into waterways or sewers.

Special hazards arising from the substance or mixture

- | | |
|-----------------------------------|---------------|
| Unusual Fire and Explosion | ● None known. |
|-----------------------------------|---------------|

Hazards

Hazardous Combustion Products

- No data available.

Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Do not walk through spilled material.

Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.

Environmental precautions

- Avoid release to the environment. Do not allow runoff into water, storm drains or drainage ditches.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Do not flush to sewer or allow to enter waterways. Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Avoid contact with skin or eyes.

Conditions for safe storage, including any incompatibilities

Storage

- Store at room temperature. Avoid excessive heat (40° C; 104° F).

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure controls

Engineering

Measures/Controls

- No data available

Personal Protective Equipment

Pictograms



Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear protective eyewear (goggles, face shield, or safety glasses).

Hands

- Wear appropriate gloves.

Skin/Body

- No data available

General Industrial Hygiene Considerations

- Do not get in eyes or on skin or clothing. Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls

- No data available

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Transparent amber liquid.
Color	Amber, transparent.	Odor	Fruity
Taste	No data available	Odor Threshold	No data available
General Properties			
Boiling Point	110°C (230°F) @ 0.1 mm Hg; 386°C (726°F) @ 760 mm Hg	Melting Point	None
Decomposition Temperature	No data available	pH	Not relevant
Specific Gravity/Relative Density	0.9211 Water=1 @ 25 C(77 F)	Bulk Density	Not relevant
Water Solubility	0.515 ppm Practically insoluble in water	Solvent Solubility	Miscible
Viscosity	< 100 Centipoise (cPs, cP) or mPas @ 20 C(68 F)		
Volatility			
Vapor Pressure	5.74 hPa @ 25 C(77 F)	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	136°C (277°F) Pensky Martens	UEL	No data available
	Closed Cup		
LEL	No data available	Flame Duration	No data available
Flammability (solid, gas)	Not Flammable.		

Environmental

Half-Life 10 Day(s) Octanol/Water Partition coefficient No data available

Section 10: Stability and Reactivity

Reactivity

- No data available

Chemical stability

- Stable

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- No data available.

Incompatible materials

- No data available.

Hazardous decomposition products

- No data available.

Section 11 - Toxicological Information

Information on toxicological effects

	CAS	
IGR 30000/A	65733-16-6	Acute Toxicity: Ingestion/Rat LD50 • >34000 mg/kg; Inhalation/Rat LC50 • 5.19 mg/L; Skin/Rabbit LD50 • >5000 mg/kg; Irritation: Eye/Rabbit • Essentially non-irritating; Skin/Rabbit • Essentially non-irritating

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met

Potential Health Effects

Inhalation

- Acute (Immediate)**
 - Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
 - No data available.

Skin

- Acute (Immediate)**
 - Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
 - No data available.

Eye

- Acute (Immediate)**
 - Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
 - No data available.

Ingestion

- Acute (Immediate)**
 - Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
 - No data available.

Section 12 - Ecological Information

Toxicity

IGR 30000/A		65733-16-6		
Dosage	Species	Duration	Results	Exposure Conditions
= 0.76 mg/L	Fish: Rainbow Trout	96 Hour(s)	LC50	Acute
> 0.37 mg/L	Fish: Blue Gill	96 Hour(s)	LC50	Acute
= 0.36 mg/L	Crustacea: Daphnia magna	48 Hour(s)	LC50	Acute
= 0.048 mg/L	Fish: Fathead minnow	NDA	NOEC	Chronic
= 0.014 mg/L	Crustacea: Mysid shrimp	NDA	NOEC	Chronic

Persistence and degradability

- IGR 30000/A degrades rapidly in sunlight, both in water and on inert surfaces. The bio pesticide also is metabolized rapidly in soil and does not leach. Thus, it should not persist in soil or contaminate ground water.

Bioaccumulative potential

- No data available

Mobility in Soil

- Rapidly metabolized in soil under both aerobic and anaerobic conditions (half-life 10-14 days).

Other adverse effects

Potential Environmental Effects

- Toxic to aquatic organisms.

Section 13 - Disposal Considerations

Waste treatment methods

- Product waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not allow into any sewer on the ground, or into any body of water.
- Packaging waste** • Nonrefillable container. Do not reuse or refill this container. See product label for container disposal instructions.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	UN 3082	Environmentally Hazardous Substance, Liquid, N.O.S.	9	III	Marine Pollutant
IMO/IMDG	UN 3082	Environmentally Hazardous Substance, Liquid, N.O.S.	9	III	Marine Pollutant
IATA/ICAO	UN 3082	Environmentally Hazardous Substance, Liquid, N.O.S.	9	III	Acute Aquatic Toxicity

Special precautions for user Transport in bulk according to Annex II of MARPOL

- None specified.
73/78 and the IBC Code
- No data available

IATA
It is not the subject of the regulations in the form of packaging (below 5 liters).
Special provision A197

Other information

- Freight Classification: Insecticides, NOI other than poison.
- IMO/IMDG ● No data available
- IATA/ICAO ● Non-regulated

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications ● Not regulated

FIFRA – Pesticide Labeling

Keep out of reach of children.

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

CAUTION

Precautionary Statements ●

- Hazards to Humans and Domestic Animals** ● HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.
- Environmental Hazards** ● Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.
- PESTICIDE STORAGE: Store in a cool, dry (preferably locked) area that is inaccessible to children and pets.

Section 16 - Other Information

Last Revision Date ● 12/July/2025

Preparation Date ● 15/July/2022

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