

SAFETY DATA SHEET

In accordance with Annex II of Regulations (EC) 1907/2006 as amended by Regulation (EU) 830/2015

1 IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

1.1 Product identifier

Product Name: Insta Guard

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses:

Floor Cleaner - For professional use only

Uses advised against:

Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

Company Name: Gannon Chemicals Ltd
Ballindine, Claremorris
Co. Mayo, Ireland
Email address of SDS author: paul@gannonchemicals.ie

1.4 Emergency Telephone Number

Members of Public: +353 (1) 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week)
Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Damage (Category 1), H318

For the full text of the H-Statements mentioned in this Section, see below.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word Danger

Hazard statement(s)

H318 - Causes serious eye damage.

Precautionary statement(s)

P280 - Wear eye or face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

Supplemental Hazard: None

2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

Product/Ingredient Name	CAS No.	Weight %	EC Number	Regulation (EC) No 1272/2008 [CLP]
Dodecylbenzenesulphonic acid	27176-87-0	15 - 25		Acute Tox. 4 H302 Skin Corrosion 1B H314
Sodium alkylethersulphate (Polymer)	68585-34-2	5 - 10	500-223-8	Eye Dam. 2: H319 Skin Irrit. 2: H315
Propan-2-ol	67-63-0	5 - 10	200-661-7	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
Sodium Hydroxide	1310-73-2	0.5 - 1	215-185-5	Met. Corr. 1; H290 Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %
Terpineol	8000-41-7	1 - 5	232-268-1	Skin Irrit. 2: H315 Eye Irrit. 2: H319
2-Benzyl-4-chlorophenol	120-32-1	1 - 5	204-385-8	Eye Dam. 1 H318 Aquatic Chronic 2 H411

4 FIRST AID MEASURES

4.1 Description of first aid measures

- | | |
|--|---|
| 4.1.1 General Information | Immediately remove contaminated clothing. |
| 4.1.2 Following Inhalation | Keep patient calm, remove to fresh air, and seek medical attention. |
| 4.1.3 following skin contact | Wash thoroughly with soap and water. |
| 4.1.4 Following Eye Contact | Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. |
| 4.1.5 Following Ingestion | Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. |
| 4.1.6 Self-protection of the first aider | |

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: Eye irritation, skin irritation

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5 FIRE FIGHTING MEASURES

5.1 Extinguishing media:

Not flammable. In case of fire use extinguishing media (Carbon dioxide. Dry powder. Water spray jet), appropriate to surrounding conditions. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known. However as smoke from fires is irritating. Take precautions to protect personnel from exposure.

5.3 Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

5.4 Additional information

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures see, chapter 8.

6.2 Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

6.4 Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

7 HANDLING AND STORAGE

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|------------|--|--|
| 7.1 | Precautions for safe handling | Ensure there is sufficient ventilation of the area. |
| 7.2 | Conditions for safe storage, including any incompatibilities | Store at normal room temperature and keep container tightly closed. Keep out of reach of children. No special precautions necessary for protection against fire and explosion. Store away from strong acids. |
| 7.3 | Precautions for safe handling | For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed. |

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

Components with workplace control parameters

Component	CAS No.	Value	Control Parameters	Basis
Propan-2-ol	67-63-0	OELV - 8 hrs (TWA)	200 ppm	Ireland. List of Chemical Agents and Occupational Exposure Limit Values - Schedule 1

8.2. Exposure controls

The following information applies for the uses indicated in subsection 1.2.

If available, please refer to the product information sheet for application and handling instructions.

Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Covering activities such as filling and transfer of product to application equipment, flasks or buckets

Appropriate engineering controls: No special requirements under normal use conditions.

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment

Eye / face protection: Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product.

Hand protection: Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.

Body protection: No special requirements under normal use conditions.

Respiratory protection: No special requirements under normal use conditions.

Environmental exposure controls: No special requirements under normal use conditions.

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (%): 0.4

Appropriate engineering controls: No special requirements under normal use conditions.

Appropriate organisational controls: No special requirements under normal use conditions.

Personal protective equipment

Eye / face protection: No special requirements under normal use conditions.

Hand protection: Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.

Body protection: No special requirements under normal use conditions.

Respiratory protection: No special requirements under normal use conditions.

Environmental exposure controls: No special requirements under normal use conditions.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

(a)	Form	Liquid
(b)	Colour	Green
(c)	Odour	Pine Oil
(d)	pH value(1% solution)	8.5
(e)	Melting point/range (°C):	Not Determined
(f)	Initial boiling point/range (°C):	Not Determined
(g)	Decomposition temperature (°C)	Not Determined
(h)	Flash point (°C):	Not Determined
(i)	Ignition temperature (°C)	Not Determined
(j)	Vapour pressure (hPa) at ...°C	Not Determined
(k)	Vapour density (air=1)	Not Determined
(l)	Density (g/cm ³) at 20°C	1.02
(m)	Bulk density (kg/m ³)	Not Determined
(n)	Water solubility (20°C in g/l)	Completely
(o)	Solubility(ies):	Not Determined
(p)	Partition coefficient	Not Determined
(q)	Viscosity, dynamic (mPa s):	Not Determined

9.2 Other information

Incompatible with strong acids

10 STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2 Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3 Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

10.4 Conditions to avoid

See MSDS section 7 - Handling and storage.

10.5 Incompatible materials

Substances to avoid: Halogens, Acids, Reactive Chemicals

10.6 Hazardous decomposition products

No hazardous decomposition products known.

11 TOXICOLOGICAL INFORMATION

11.2.2 Mixtures

No test data is available on the mixture.

Substance data, where relevant and available, are listed below

Substance	Acute toxicity	Skin corrosion/irritation	Serious eye damage/eye irritation	Respiratory or skin sensitisation
Dodecylbenzenesulphonic acid	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat 500 - 2000 mg/kg	Causes severe skin burns.	Causes serious eye damage.	This product is not expected to cause skin sensitization.
Sodium alkylethersulphate (Polymer)	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 2000 mg/kg	Causes skin irritation	Causes serious eye damage.	This product is not expected to cause skin sensitization.
Sodium Hydroxide	Toxic Dose 1 – LD 50 - 325 mg/kg (oral rat)	Skin - rabbit Result: Causes severe burns. - 24 h	Eyes - rabbit Result: Corrosive - 24 h	Will not occur
Propan-2-ol	LD50 Oral - rat - 5,045 mg/kg LC50 Inhalation - rat - 8 h - 16000 ppm LD50 Dermal - rabbit - 12,800 mg/kg	Skin - rabbit Result: Mild skin irritation	Eyes - rabbit Result: Eye irritation - 24 h	No Data Available
Terpineol	RAT LD50 3200 mg/kg RABBIT LD50 5000 mg/kg	There may be irritation and redness at the site of contact	There may be irritation and redness. There may be pain and redness.	No Data Available
2-Benzyl-4-chlorophenol	LD50 1,700 mg/kg (rat) Source : literature	LD50 > 2,000 mg/kg (rat) Irritant effect on skin Source : literature	strongly irritant (rabbit eye)	No Data Available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

12 ECOLOGICAL INFORMATION

Substance	Toxicity	Persistence and Degradability	Bioaccumulative potential	Mobility in soil
Dodecylbenzenesulphonic acid	EC50 Algae 47.3 mg/l, 72 hours EC50 Daphnia 2.4 mg/l, 48 hours LC50 Fish 1.67 mg/l, 96 hours	Readily biodegradable.	No Data Available	No Data Available
Sodium alkylethersulphate (Polymer)	LC50 Fish 2.3 mg/l, 96 hours EC50 Water flea (Ceriodaphnia dubia) 2.33 - 4.81 mg/l, 48 hours	Elimination information: >= 90 % Bismuth-active substance. Readily biodegradable	No Data Available	No Data Available
Sodium Hydroxide	LC50 - Oncorhynchus mykiss (rainbow trout) - 45.4 mg/l - 96 h	The methods for determining the biological degradability are not applicable to inorganic substances	The product is not bioaccumulating.	No Data Available
Propan-2-ol	LC50 - Pimephales promelas (fathead minnow) 9,640.00 mg/l 96h EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h	No Data Available	No Data Available	No Data Available
Terpineol	LC50 - Danio rerio (zebra fish) - ca. 62.80 mg/l - 96 h LC50 - Pseudokirchneriella subcapitata (green algae) - ca. 68 mg/l - 72 h	Aerobic - Exposure time 28 d Result: 80 % - Readily biodegradable.	No Data Available	Insoluble in water. Vapour is heavier than air.
2-Benzyl-4-chlorophenol	LC50 0.43 mg/l (96 h, rainbow trout) EC50 0.46 mg/l (48 h, Daphnia magna)	Readily biodegradable.	No Data Available	No Data Available

Results of PBT and vPvB assessment

The product does not fulfil the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

13 DISPOSAL

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996, but is classified as controlled waste under the Environmental Protection Act 1990. For small quantities, dilute with water to at least 2.5% w/v (25 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities dispose of safely as commercial waste.

14 TRANSPORT INFORMATION

ADR, RID, ADN, IMO/IMDG, ICAO/IATA

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: The product is not transported in bulk tankers.

15 REGULATORY INFORMATION

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

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

Ingredients according to EC Detergents Regulation 648/2004

Anionic surfactants 5 - 15%

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16 OTHER INFORMATION

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

Classification procedure

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

Abbreviations and acronyms:

- STOT - Specific Target Organ Toxicity
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- ATE - Acute Toxicity Estimate

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