

Material Safety Data Sheet

Trade name: **SOLAR PANEL STUFF**

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SECTION 1: Identification of the product and of the supplier

1.1 Product identifier:

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Other means of identification: Non-hazardous liquid, miscible in water.

Hazard components for labelling: None

1.2 Relevant identified uses of the product:

Relevant identified uses: A water-thin green liquid used as a hard surface washing agent, having a lemon odour.

- Firstly, use a garden hose and/or a bucket of water to wet the solar panel.
- Then apply **SOLAR PANEL STUFF** either via a spray bottle, or manually.
- Allow at least 30 seconds for **SOLAR PANEL STUFF** to settle on the panels and use a soft cloth/squeegee to wipe down the panels.
- Finally, rinse well with clean water.
- Use warm water for best results.

1.3 Details of the supplier of the material safety data sheet:

Supplier:

Name: Reinol-Janek Chemicals (Pty) Ltd.

Address: 35 Mopedi Road Sebenza Edenvale Gauteng, 1609, SOUTH AFRICA

Information contact: +27 (011) 873 1826 / 0861 REINOL / 0861 734665

E-Mail: info@reinol.co.za

1.4 EMERGENCY TELEPHONE NUMBER: +27 (011) 873 1826 / 0861 REINOL / 0861 734665

Office hours: Monday – Thursday: 07h30 – 16h30 (CAT)

Friday: 07h30 – 14h30 (CAT)

SECTION 2: Hazards identification

2.1 Classification: Non-hazardous goods.

2.2 Label elements

Hazard Statement: None required.

Precautionary Statements (prevention): None required.

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SECTION 3: Composition / information on ingredients

3.1 Chemical identity: Non-hazardous.

Description: A water-thin green liquid used as a hard surface washing agent, having a lemon odour.

SECTION 4: First aid measures

4.1 Description of first aid measures:

Following inhalation: None required at normal temperature. In case of fumes produced during burning, remove person to fresh air.

Following skin contact: Wash thoroughly with water.

Following eye contact: Flush eyes with water. Hold eyelids open while washing.

Following ingestion: If swallowed do not induce vomiting: seek medical advice immediately and show container or label.

Notes to the first aider: Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Suitable extinguishing media: Choose most appropriate for surrounding fire.

5.2 Hazards from combustion products: No hazardous combustion products beyond carbon dioxide. May produce irritating vapours.

5.3 Advice for fire-fighters: Follow standard emergency firefighting protocols with appropriate extinguishing media, breathing apparatus and protective gear.

SECTION 6: Accidental release measures

6.1 Emergency procedures: Avoid prolonged contact with skin and eyes. Do not inhale or ingest.

6.2 Environmental precautions: Report large spills to appropriate authorities if required.

6.3 Methods and materials for containment and cleaning up: DILUTE - substance may be washed to drain with water SPILL OR LEAK: collect material for re-use or disposal.

6.4 Additional information: Restrict access to area due to slip hazard.

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SECTION 7: Handling and storage

- 7.1 Precautions for safe handling:** Avoid inhalation, ingestion and contact with the eyes.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in tightly sealed containers in a cool dry, dry, well-ventilated area. Keep away from all sources of heat and direct sunlight. Shelf-life of 2 years or more is expected provided storage conditions are adhered to.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits: None allocated.

Biological limit values: None allocated.

Exposure limits at intended use: None allocated.

8.2 Exposure controls

Appropriate engineering controls: The control measures appropriate for a particular worksite depend on how this material is used. A safety eyewash bottle / fountain should be available.

Personal protective equipment

Eye / Face protection: Safety goggles.

Skin protection: Rubber gloves and rubber apron.

Respiratory protection: N/A

Thermal hazards: Follow fire safety.

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SECTION 9: Physical and chemical properties

Physical properties: It is a water thin green liquid used as a hard surface washing agent, having a lemon odour. A blend of mild surfactants. Alkaline in character.

Physical state: Liquid **Colour:** Green **Odour:** Lemon

	Value
pH	8.0 – 9.0
Melting point/freezing point	N/A
Initial boiling point/boiling range	N/A
Flash point	N/A
Evaporation rate	N/A
Specific gravity	0.950 - 1.050
Miscability	Completely soluble in water
Environment	When used in the prescribed manner at the recommended dilutions the product will not be harmful to the environment.
Packaging	1 litre Polycans, 3 litre Polycans

SECTION 10: Stability and reactivity

- 10.1 Reactivity:** None established. Stable during transport and under conditions of use.
- 10.2 Chemical stability:** Stable non-hazardous material.
- 10.3 Possibility of hazardous reactions:** None Known.
- 10.4 Conditions to avoid:** None established.
- 10.5 Incompatible materials:** None established.
- 10.6 Hazardous decomposition products:** Low persistence level and readily biodegradable.

SECTION 11: Toxicological information

11.1 Symptoms related to the physical, chemical and toxicological characteristics:

In case of ingestion: Discomfort, Nausea.

In case of skin contact: Defatting could lead to dermatitis, over long periods.

In case of inhalation: None

In case of eye contact: Burning sensation

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11.2 Information on other hazards

Endocrine disrupting, mutagenic or carcinogenic properties: None expected. Not tested on animals.

Health effects of acute or chronic overexposure: No data available or cause to believe that there will be undesirable effects on human health through the use of this product.

SECTION 12: Ecological information

12.1 Ecotoxicity: None established.

12.2 Persistence and degradability: No ecological problems are expected when the product is handled and used with due care. Major ingredients are biodegradable and will not accumulate in soil or water or cause long term problems. When used in the prescribed manner at the recommended dilutions the product will not be harmful to the environment.

12.3 Bioaccumulative potential: Accumulation in organisms is not expected under normal conditions of use.

12.4 Mobility in soil: Ecological environmental studies not conducted.

SECTION 13: Disposal considerations

13.1 Disposal methods: Place material and/or absorbents into sealed containers and dispose of in accordance with local legal regulations for disposal methods.

SECTION 14: Transport information

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	N/A	N/A	N/A	N/A
14.2 UN Proper shipping name	N/A	N/A	N/A	N/A
14.3 Transport hazard class(es)	Non-hazardous	Non-hazardous	Non-hazardous	Non-hazardous
14.4 Packing group	N/A	N/A	N/A	N/A

14.6 Special precautions for user: Not allocated.
Remark: No special transport required.

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SECTION 15: Regulatory information

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

EU regulations

Authorisations and/or restrictions on use: None allocated.

SECTION 16: Other information

16.1 Indication of changes: Revision date June 2026 in line with GHS. To be revised should Ingredients or Regulations be amended.

Next scheduled update: June 2028 (as per our Quality Manual (QM) based on SABS:ISO 9001: 2015 Quality Management System requirements).

16.2 Abbreviations and acronyms: N/A – Not applicable.

16.3 Disclaimer: The information presented herein is based on available data from reliable sources and is correct to the best of Reinol-Janek Chemicals (Pty) Ltd's knowledge. Users must familiarise themselves with the information contained in this MSDS and determine the suitability of the product prior to use. Reinol-Janek Chemicals (Pty) Ltd makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions that may be required.

*****END OF MSDS*****