

**ROTAL ADHESIVES & CHEMICALS LTD.**

21 Atir Yeda St., P.O.Box 2292 Kfar-Saba 4464101, Israel.

Telephone: 972-9-7667990 Fax: 972-9-7667991

rotal@rotal.com www.rotal.com ISO 9001:2015**Safety Data Sheet
Green Line-6045**

Revision No.: 2 Revision date: January 2019

Section 1 - Product Identification**1.1 Product identifiers****Trade name**

Green Line-6045

Ecological Fruit and Vegetables Cleaning Liquid

1.2 Relevant identifier uses of the mixture and uses advised against**Intended use**

Fruit and vegetables cleaning liquid

1.3 Details of the supplier of the safety data sheet

Rotal Adhesives & Chemicals Ltd.

21 Atir Yeda Str. P.O.Box 2292 Kfar-Saba 44641, ISRAEL

Phone #: + 972-9-7667990

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E-Mail.: sds@rotal.com**1.4 Emergency Telephone number**

+ 972-4-7771900

Section 2 - Hazards Identification**2.1 Classification of the mixture according to regulation 1272/2008**

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Label elements**Hazard pictograms**

None.

Signal words

None.

Hazard statements

None.

Precautionary statements**Prevision:**

P271 – Use only in a well-ventilated area.

Response:

P301 +P330 – If swallowed, rinse mouth with water.

P302 + P361 + P353 – If on skin: Take off all contaminated clothing and rinse skin with plenty of water.

P304 + P340 – If inhaled, remove person to fresh air and keep comfortable for breathing.

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P305 + P351 – If in eyes: Rinse cautiously with water for several minutes.

P370 + P378 – In case of fire: Use foam, extinguishing powder and carbon dioxide to extinguish.

Storage:

P102 – Keep out of the reach of children.

P403 + P235 – Store in a well-ventilated place. Keep cool.

2.2 Other hazards

Full list of P statements, see section 16.

Section 3 - Composition / information on ingredients

Declaration of the ingredients according to regulation (EC) 1272/2008:

<u>Ingredient Name</u>	<u>CAS No.</u>	<u>% by Weight</u>	<u>Classification</u>
Ethoxylated alcohol C9-C11	68439-46-3	< 3	Skin irrit. 2, H319
Potassium pyrophosphate	7320-34-5	< 2	Eye irrit. 2, H319
Sodium silicate	6834-92-0	< 1	Skin corr. 1B, H314 STOT SE 3, H335

The rest of the components, up to 100%, are not classified as hazardous according to regulation (EC) 1272/2008.

Section 4 - First aid measures**4.1 Description of first aid measures****In case of inhalation:**

Remove person to fresh air and keep comfortable for breathing.

In case of eye contact:

Rinse cautiously with water for several minutes.

In case of skin contact:

Take off all contaminated clothing and rinse skin with water.

After ingestion:

Rinse mouth with water.

4.2 Most important symptoms/effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

None.

In all cases seek prompt medical advice at Israel Poison Information/ Rambham Hospital. Tel-972-4-7771900

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Section 5 - Firefighting measures**5.1 Extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the mixture

Carbon oxides, sodium oxides.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 - Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

No specific precautions required.

See sections 7 and 8 for further information.

6.2 Environmental precautions

No specific precautions required.

6.3 Methods and material for containment and cleaning up

Wash away with water.

6.4 Reference to other sections

Dispose of contaminated material as waste according to section 13.

Section 7 - Handling and storage**7.1 Precautions for safe handling**

Use as instructed on sticker and/or the technical data sheet.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool well-ventilated place.

Keep out of the reach of children

7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8 - Exposure controls / personal protection**8.1 Control parameters**

No workplace control parameters.

8.2 Exposure controls**Appropriate engineering controls:**

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General industrial hygiene practice.

Personal protective equipment**Respiratory protection**

Use only in well-ventilated areas.

Hand protection

Not required.

Eye protection

Not required.

Skin protection

Not required.

Environmental exposure control:

None.

Section 9 - Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance:	Transparent liquid	
Odour:		Not applicable / No available data
Odour threshold:		Not applicable / No available data
pH:	11 – 13	
Melting point:		Not applicable / No available data
Initial boiling point:	95°C	At 743 mm/Hg
Flash point:		Not applicable / No available data
Evaporation rate:		Not applicable / No available data
Flammability (solid, gas):	Non-flammable	
Explosive limits:		Not applicable / No available data
Vapour pressure:		Not applicable / No available data
Vapour density:		Not applicable / No available data
Relative density:	1.00-1.02 g/cm ³	At 20°C
Solubility:	> 1 g/L	In water, at 20°C
Partition coefficient:		Not applicable / No available data
Auto-ignition temperature:		Not applicable / No available data
Decomposition temperature:		Not applicable / No available data
Viscosity:		Not applicable / No available data
Explosive properties:		Not applicable / No available data
Oxidising properties:		Not applicable / No available data

9.2 Other information

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N/A

Section 10 - Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None.

In case of fire- see section 5.

Section 11 - Toxicological information**11.1 Information on toxicological effects****General toxicological information:**

The preparation is classified based on the conventional method outlined in directive 1272/2008/EC.

Relevant available information for the substances listed under Section 3 is provided in the following.

Acute toxicity

Not classified.

Skin irritation

Not classified.

Eye irritation

Not classified.

Sensitisation

None of the components are known to have sensitisation effects.

Germ cell mutagenicity

None of the components are considered germ cell mutagens.

Carcinogenicity

None of the components are considered carcinogenic.

Reproductive Toxicity

None of the components are considered to be toxic to the reproductive system.

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Section 12 - Ecological information**General ecological toxicity**

The preparation is classified based on the conventional method outlined in directive 1272/2008/EC.

Relevant available information for the substances listed under Section 3 is provided in the following.

12.1 Toxicity

None of the components are considered to be toxic to the environment.

12.2 Persistence and degradability

The product is readily biodegradable.

12.3 Results of PBT and vPvB assessment

The products is not classified as PBT or vPvB.

12.4 Mobility in soil

Toxicological data are not available.

12.5 Other adverse effects

Toxicological data are not available.

Section 13 - Disposal considerations**13.1 Waste treatment methods****Product disposal**

The product is non-hazardous and rapidly biodegradable.

Dispose of according to local regulations.

Disposal of uncleaned packages

After use, tubes, cartons and bottles can be recycled.

Disposal must be made according to local regulations.

Section 14 - Transport information**14.1 UN number**

Not hazardous according to RID/ADR, IMDG, IATA.

14.2 UN proper shipping name

Not hazardous according to RID/ADR, IMDG, IATA.

14.3 Transport hazard class

Not hazardous according to RID/ADR, IMDG, IATA.

14.4 Packaging group

Not hazardous according to RID/ADR, IMDG, IATA.

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14.5 Environmental hazards

Not hazardous according to RID/ADR, IMDG, IATA.

14.6 Special precautions for users

Not hazardous according to RID/ADR, IMDG, IATA.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

No data available.

Section 15 - Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

Section 16 - Other information**The classification under CLP, Regulation (EC) Nr. 1272/2008**

Carried out by calculation based on ingredient classification.

Source of data used in this SDS:

In-house data files.

Suppliers' safety data sheet

CLP annex VI, table 3.1

ECHA website- <https://echa.europa.eu/> on 30.4.2018, 16:00.

Training advice

Training on good hygiene practice

Version details:

Version number	2
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Revision summary	Update to format

Full list of H statements:

None.

Acronyms and abbreviations used in this safety data sheet:

CAS Chemical abstract service

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Irrit.	Irritant
Corr.	Corrosive
STOT SE	Specific target organ toxicity, single exposure
EC	European commission
DOC	Dissolved organic carbon
OECD	Organisation for economic co-operation and development
PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent and very bioaccumulative
RID	European agreement concerning the international carriage of dangerous goods by rail
ADR	European agreement concerning the international carriage of dangerous goods by road
IMDG	International maritime dangerous goods code
IATA	International air transport association
MARPOL	International convention for the prevention of pollution from ships
IBC	International bulk chemical code

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