

SAFETY DATA SHEET

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC

Trade name: **PurgeMax**

Version: 1

Date of issue: 25. 11. 2014

Latest revision: 01. 04.2015

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1. Identification of the mixture and of the company/undertaking

1.1 Product identifier:

PurgeMax

1.2 Relevant identified uses of the mixture and uses advised against

Relevant identified uses: liquid purging compound for plastic processing machines.

Uses advised against: no data

1.3 Details of the supplier of the safety data sheet:

Trader identification:

Premium Multi Industries Sdn Bhd
15-1-17 Medan Kampung Relau,
Bayan Point, 11900 Bayan Lepas, Pg,
Malaysia
Tel.: +604-646 8272
Fax: +604-646 9151

Technical information:

Highland Management Consulting Kft.
8000 Székesfehérvár,
Kosztolányi u. 12.
Tel.: 06 30 641 0117
Fax: 06 22 781 959
E-mail: office@purgemax.eu

Responsible for SDS:

Highland Management Consulting Kft.
8000 Székesfehérvár,
Kosztolányi u. 12.
Tel.: 06 30 641 0117
Fax: 06 22 781 959
E-mail: office@purgemax.eu

1.4 Emergency telephone number

Emergency telephone: +6012- 401 9522 (CET) on workdays
+36-30-6410117

Health Toxicological Information Service (ETTSZ 1096 Budapest, Nagyvárad tér 2.)

Tel.: +36 1 476 6464, or +36 80 201 199

National Health Toxicological Information Service:

2. Hazards identification

2.1 Classification of the mixture

2.1.1 Classification of the mixture according to regulation 1272/2008/EC

Hazard Class and Category:

Asp.Tox.1

Skin Corr. 1B

Hazard statement:

H304

May be fatal if swallowed and enters airways.

H314

Causes severe skin burns and eye damage.

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2.1.2 Classification of the substance according to regulation 1999/45/EC

Human health hazards: Xn (harmful), Xi (irritant)
R 36/38 Irritating to eyes and skin.
R 65 Harmful: may cause lung damage if swallowed.

Safety hazards: Danger symbol not required.

Environmental hazards: Danger symbol not required.
Note: In large quantities may be harmful to the environment.

2.2 Label elements 1272/2008/EC

Product identification:

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Hazardous components: Paraffin oils
Sodium Silicate

GHS Pictogram:



Signal word:

Danger

Hazard statement:

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

Precautionary statements – Prevention:

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements – Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

Precautionary statements - Storage

P405 Store locked up.

Precautionary statements – Disposal:

P501 Dispose of contents/container in accordance with national regulation.

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Other liabilities for labelling:

Tactile warning of danger: Distribution for population.

Transport classification: see section 14.

2.3 Other hazards


The product does not contain any PBT or vPvB substance according to annex XIII of regulation (EC) 1907/2006.

3. Composition/information on ingredients

3.2 Mixtures

Chemical description: Mixture of substances with water.

Ingredients:

Name	EU number	CAS number	Hazard symbol / Hazard classes and cat.	Risk phrase / Hazard statements	Conc. % (m/m)
Paraffin oil*	232-384-2	8012-95-1	67/548/EEC: Xn 1272/2008/EC: Asp.Tox.1	R 65 H304	18-28
Sorbitan oleate	215-665-4	1338-43-8	67/548/EEC: - 1272/2008/EC: -	- -	< 10
Sodium Silicate 	229-912-9	6834-92-0	67/548/EEC: C, Xi 1272/2008/EC: Skin Corr. 1B STOT SE 3	R 34, R 37 H314 H335	5- < 10

*: with exposure limit

The full text of each relevant R-, H- phrase and Hazard classes and cat. see in Section 16.

4. First aid measures

4.1 Description of first aid measures

General information: Never give anything by mouth to an unconscious person, or never induce vomiting.

Inhalation: Remove the affected person to fresh air. If rapid recovery does not occur, obtain medical attention.

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Skin contact: Wash skin with large amounts of water, use soap. In case of persistent irritation, get medical attention.

Eye contact: Flush eyes with plenty of water for 10-15 minutes. Get medical attention.

Ingestion: If swallowed, DO NOT induce vomiting. Get prompt medical attention.

Protection of first-aid person: No data available.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Skin: Irritant.

Ingestion: May be fatal if swallowed and enters airways (chemical pneumonitis).

In case of eye contact.

4.3 Indication of any immediate medical attention and special treatment need

If swallowed, seek medical attention.

5. Fire-fighting measures

Fire hazards:

No data.

5.1 Extinguishing media

Suitable extinguishing media:

Foam, carbon dioxide, dry chemical powder, water spray.

Unsuitable extinguishing media:

No data.

5.2 Special hazards arising from the mixture

Hazardous combustion products:

On burning, carbon dioxide, carbon monoxide, various hydrocarbons, nitrogen oxides (NO_x), Ammonia can be formed.

5.3 Advice for fire-fighters

Special protective equipment:

According to the existing fire-fighting regulations. (Self-contained breathing apparatus).

Further information:

Collect contaminated fire fighting water separately. It must not enter the sewage system. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: see Section 8.

6.2 Environmental precautions:

Confine spills to prevent material from entering sewers, watercourses, drains and into soil Notify relevant authority.

6.3 Methods and material for containment and cleaning up

On soil: All kind of ignition sources should be remove. Recover free liquid by pumping. Contain the rest or small quantities with sand, earth or other suitable absorbents. Dispose of according to local regulations.

On water: Completely soluble in water. Notify local authorities according to regulations.

6.4 Reference to other sections

Personal precautions: see section 8.

Waste treatment methods: see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Keep general measures applied for normal operations with metal working fluids.

Keep away from radiant heat.

Avoid contact with skin and eyes. Avoid prolonged breathing of oil vapours or mists.

Ensure washing facilities after working hours and before breaks. Take off contaminated or oil-soaked clothing, wash with warm water and soap.

When using do not eat, drink or smoke. Avoid splashing the product.

Handling temperature: no data.

7.2 Conditions for safe storage, including any incompatibilities

Storage facilities must comply with regulations for storing of chemichals.

Store in dry,cool, well ventilated place in original, closed containers.

Keep away from radiant heat, strong oxidizing agents, reducing agents, acids.

Keep for freezing.

Storage temperature: no data.

7.3 Specific end use(s)

Liquid purging compound for plastic processing machines.

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8. Exposure controls / personal protection

Engineering control measures:

Adequate ventilation.

8.1 Control parameters:

Mineral oil mist: TWA: **5 mg/m³**; STEL: 10 mg/m³, for oil mist, vapour excluded (ACGIH).

Method of testing, recommended: NIOSH 5026

8.2 Exposure controls

Personal protection:

Respiratory protection: Breathing apparatus not required in case of adequate ventilation.

Hand protection: Chemical resistant gloves (EN 374)
Note: Manufacturer's directions for use and the conditions of application should be observed.

Eye protection: Protective goggles, face protection.

Skin protection: Protective clothing.

Other special: no data

Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Physical state: liquid

Colour: pale, straw-coloured creamy emulsion: pale straw

Odour: mild

Change in physical state:

Melting/Freezing point: 0°C

Boiling point: 100 °C

Others:

Flash point: no data

Ignition point : not available

Explosive properties: not explosive

Oxidizing properties: not oxidize

Vapour pressure at 21°C: 18 mmHg

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Specific Density:	1.13
Vapour density:	0.6
Solubility in water:	completely soluble
n-Octanol/water partition coefficient:	no data
Kinematic viscosity at 40°C :	no data
pH:	11-12
Heating value:	1

9.2 Other information
no data available

10. Stability and reactivity

10.1 Reactivity:	Dangerous reactivity not known.
10.2 Chemical stability:	No decomposition if stored and handled properly.
10.3 Possibility of hazardous reactions:	Not known.
10.4 Conditions to avoid:	Direct heat or ignition sources.
10.5 Incompatible materials:	Strong oxidizing agents, reducing agents, acids.
10.6 Hazardous decomposition products:	No dangerous decomposition products are formed under normal conditions. Hazardous combustion products: See Section 5.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity: No data for the product.

Componente:

Paraffinic oil:

Oral:	LD ₅₀ (rat)	22	mg/kg
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Sodium silicate:

Oral:	LD ₅₀ (rat)	800	mg/kg
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Acute toxicity: irritation

Skin: corrosive (based on components)

Eye: corrosive (based on components), causes severe eye damage.

Respiratory or skin sensitisation: not sensitising (based on components)

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Other information, specific effects:

The product does not contain PCBs, PCTs, and other chlorine compounds, and heavy metals, barium compounds.

Germ cell mutagenicity: not known, resp. not mutagen (based on components)

Carcinogenicity: not known, resp. not carcinogen (based on components)

Reproductive toxicity: not known, resp. no reproduction-damaging effect (based on components)

STOT-single exposure: not known

STOT-repeated exposure: not known

Aspiration: May be fatal if swallowed and enters airways.

12. Ecological information

12.1 Toxicity Not available for the product.

Componente:

Paraffinic oil:

Aquatic organisms:

Fish (Oncorhynchus mykiss): LC50 > 100 mg/l/96 h

Soil organisms:

Plants:

12.2 Persistence and degradability No data available.

Biodegradability: No data available.

12.3 Bioaccumulative potential No data available.

12.4 Mobility

Mobility in soil Absorbs in soil.

Mobility in water: Floats on water.

12.5 Results of PBT and vPvB assessment Not required.

12.6 Other adverse effects

Heavy metal content: None.

PCT, PCB and other chlorinated hydrocarbons: None.

Environmental effects: In large quantities may be harmful to the environment.

Water hazard class (German): -

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13. Disposal considerations

13.1 Waste treatment methods

Product disposal:

Wastes of the product or used oil should be treated as hazardous waste.

EWC cod: 16 10 01*

Aqueous liquid wastes containing dangerous substances.

EWC cod: 20 01 09*

Detergents containing dangerous substances

Disposal must be in compliance with national and local regulations.

Recommended waste treatment method: no information

Packaging disposal:

Containers with product residue should also be treated as hazardous waste according to national and local disposal regulations.

EWC cod: 15 01 10*

Packaging containing residues of or contaminated by dangerous substances.

Disposal must be in compliance with national and local regulations.

Recommended waste treatment method: incineration

Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

14. Transport information

Land transport:

Road/ Railway

ADR/RID:

Not classified.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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Waterways:

Inland waterways/ Sea transport ADN/IMDG: Not apply to the product.

Air transport: ICAO / IATA: Not apply to the product.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the mixture.
This safety data sheet has been prepared according to Regulation 1907/2006/EC (mod.: 453/2010/EC) and to Regulation 1272/2008/EC.

15.2 Chemical safety assessment.
not available

16. Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

Source of data presented in this material safety data sheet:

Test results of this product
Material safety data sheets of product's components
Hungarian and EU lists of dangerous substances
Relevant Hungarian regulation and EU directives

Classification for mixtures and used evaluation method according to regulation 1272/2008/EC (CLP)

Asp.Tox.1 H304 calculated

Skin Corr. 1B H314 calculated

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The full text of each relevant R-, H- phrase and Hazard classes and cat. in Section 3.:

R 34	Causes burns.
R 37	Irritating to respiratory system.
R 65	Harmful: may cause lung damage if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation
Asp.Tox.1	Aspiration hazard Category 1
Skin Corr. 1B	Skin corrosion/irritation Category 1B
STOT SE 3	Specific target organ toxicity — single exposure Category 3

Legend:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
BOD	Biological Oxygen Demand
Bw	Body Weight
C&L	Classification and Labeling
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging (1272/2008/EC)
CMR	Carcinogenic, Mutagenic or toxic to Reproduction
COD	Chemical Oxygen Demand
CSA	Chemical Safety Assessment
CSR	Chemical Safety Report
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
ECHA	European Chemicals Agency
Ecx	Effective Concentration x%
ErC50	EC50 in terms of reduction of growth rate
Edx	Effective Dose x%
EC	European Community
EC number	European Community number
ELINCS	European List of Notified Chemical Substances
ES	Exposure Scenario
ESIS	European Chemical Substances Information System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LCx	Lethal Concentration x%

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LDx	Lethal Dose x%) Halálos dózis x%
LOAEC	Lowest Observed Adverse Effect Concentration
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
NOEC	No observed effect concentration
NOEL	No observed effect level
NLP	No-Longer Polymer
NOAEL	No Observed Adverse Effect Level
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	parts/million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International carriage of Dangerous Goods by Rail
SVHC	Substance of Very High Concern
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bio-accumulative

Revision Indicators:

Section	Subject of change	Date	Version