

SAFETY DATA SHEET

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

Trade name: **PurgeMax**

Version: 4 Previous Issue / Date of last revision (manufacturers): 25. 11. 2014 / 22. 01. 2019 Date of issue: 13. 09. 2018 Page: 1/(12) Date revision: 28. 02. 2019

SECTION 1 Identification of the mixture/substance and of the company/undertaking

1.1 Product identifier:

PurgeMax

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

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

Uses advised against: distribution for population

1.3 Details of the supplier of the safety data sheet:

Manufacturer's Details:

Premium Multi Industries Sdn Bhd
15-1-16 Medan Kampung Relau,
Bayan Point, 11900 Bayan Lepas,
Penang, Malaysia
Tel.: +604-646 8272
Fax: +604-646 9151
E-mail: info@purgemax.com

Trader identification:

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: +36-30-6410117 (CET) on workdays

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

Tel.: +36 80 201 199 (0-24 h, free number).

National Health Toxicological Information Service:

SECTION 2 Hazards identification

2.1 Classification of the mixture or substance

Hazard Class and Category:

Not classified.

Hazard statement:

-

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2.2 Label elements

Product identification: Trade name: **PurgeMax**

Hazardous components: -

GHS Pictogram: -
Signal word: -

Hazard statement:
-

Supplemental hazard information:
EUH210 Safety data sheet available on request.

Precautionary statements – General: -

Precautionary statements – Prevention:

P264 Wash face, hands, and affected skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves, protective clothing, eye protection/face protection.

Precautionary statements – Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth.
P302 + P352 IF ON SKIN: Wash with plenty of water/...
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary statements – Storage: -

Precautionary statements – Disposal: -

Other liabilities for labelling:

Tactile warning of danger: not required (not distribution for population).

Transport classification: see section 14.

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2.3 Other hazards

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

SECTION 3 Composition/information on ingredients

3.2 Mixtures

Chemical description: Mixture of substances with water.

Ingredients:

Name	EU number	CAS number	Hazard classes and cat.	Hazard statements	Conc. % (m/m)
Paraffin oil	232-384-2	8012-95-1	Asp. Tox. 1	H304	12-20
2-butoxyethyl acetate	203-933-3	112-07-2	Acute Tox. 4 Acute Tox. 4	H312 H332	<5.0

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

SECTION 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. In case of complaints, call medical attention.

Skin contact: Take off contaminated clothing. Wash skin with large amounts of water, use soap. In case of complaints, get medical attention.

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

Ingestion: If swallowed, drink water. 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 cause serious eye damage.

In contact with skin corrosivity.

4.3 Indication of any immediate medical attention and special treatment need

In case of eye contact, immediately seek medical attention.

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SECTION 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 or substance

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. (Respiratory protection).

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.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: see Section 8.

Danger of slipping on leaked out/spilled product.

Avoid contact with skin and eyes.

6.2 Environmental precautions:

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

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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, vermiculite, earth or other suitable absorbents.

On water: Notify local authorities according to regulations.

6.4 Reference to other sections

Personal precautions: see section 8.

Waste treatment methods: see section 13.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

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

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 chemicals.

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.

SECTION 8 Exposure controls / personal protection

Engineering control measures:

Adequate ventilation.

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8.1 Control parameters:

2-butoxyethyl acetate Long-term exposure 133 mg/m³
CAS: 112-07-2 Short-term exposure 332 mg/m³

8.2 Exposure controls

Personal protection:

Respiratory protection: Breathing apparatus not required in case of adequate ventilation. In case of exceeded exposure-limits respiratory protection with an organic vapor filter is recommended.

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 (EN 166).

Skin protection: Protective clothing.

Other special: No data.

Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater.

SECTION 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

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Vapour pressure at 21°C:	18 mmHg
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

SECTION 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:	No data.
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.

SECTION 11 Toxicological information

11.1 Information on toxicological effects
Acute toxicity: No data for the product.

Components:

Paraffinic oil (CAS: 8012-95-1):

Oral: LD₅₀ 22 mg/kg

2-butoxyethyl acetate (CAS: 112-07-2):

Oral: LD₅₀ 1600 mg/kg

Inhalation: LC₅₀ >400 mg/L

Acute toxicity: irritation

Skin: not irritant (based on components)

Eye: not irritant (based on components)

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

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Other information, specific effects:

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 classified
STOT-repeated exposure:	not classified
Aspiration:	not classified

SECTION 12 Ecological information

12.1 Toxicity	Not available for the product.
<i>Components:</i>	
<i>Paraffinic oil (CAS: 8012-95-1):</i>	
Fish (Oncorhynchus mykiss):	LC50 >100 mg/L (96 h)
<i>2-butoxyethyl acetate (CAS: 112-07-2):</i>	
Fish (Oncorhynchus mykiss):	LC50 28,3 mg/L
Algae:	EC50 >500 mg/L (96 h)
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	No data available.
Mobility in water:	It is miscible with water.
12.5 Results of PBT and vPvB assessment	Does not contain PBT and vPvB substances.
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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SECTION 13 Disposal considerations

13.1 Waste treatment methods

Product disposal:

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

Waste Identification Code: 16 10 01*

Aqueous liquid wastes containing dangerous substances.

Waste Identification Code: 20 01 09*

Detergents containing dangerous substances

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.

Waste Identification Code: 15 01 10*

Packaging containing residues of or contaminated by dangerous substances.

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.

SECTION 14 Transport information

Land transport:

Road/ Railway ADR/RID: Not classified.

14.1. UN number: Not classified.

14.2. UN proper shipping name: Not classified.

14.3. Transport hazard class(es): Not classified.

14.4. Packing group: Not classified.

14.5. Environmental hazards: Not classified.

14.6. Special precautions for user: Not classified.

Waterways:

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

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

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SECTION 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 (EC) No 1907/2006 (mod.: 2015/830/EU) and to Regulation (EC) 1272/2008.

15.2 Chemical safety assessment.
not available

SECTION 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

1272/2008/EC regulation, Annex XVII. of REACH

Relevant Hungarian and EU regulations

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

Not classified. -

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

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

Asp. Tox. 1 Aspiration hazard Category 1

Acute Tox. 4 Acute toxicity Category 4

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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 Labelling
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
Ex	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%
LDx	Lethal Dose 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

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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
1-16	Other corrections, revision modification according to 2015/830 /EU	08.12.2015	2
2	Hazards identification	13.09.2018	3
3	Composition/information on ingredients		
1-16	Other corrections		
1-16	Full revision due to composition change	28.02.2019	4