

MATERIAL SAFETY DATA SHEET

According to EC 1907/2006 REACH

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier:

Toilet Block Brait Flowers 2-Phase 45 G Hygiene & Fresh.

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

For cleaning and refreshing toilet bowl.

1.3 Details of the supplier of the safety data sheet:

Dramers S.A.

Rabowice, ul. Olszynowa 38,
62-020 Swarzędz.

phone: 48 (61) 624 55 00,

Fax: 48 (61) 624 55 01

E-mail address of the person responsible for Safety Data Sheet:

barbara.walczak@dramers.com.pl

1.4 Emergency telephone number:

112 or +48-(61)-624-55-00 (phone active on weekdays 8⁰⁰ – 16⁰⁰).

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

Classification according to EU Directives 67/548/EEC or 1999/45/EC:

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

2.2 Label elements:

Labelling according Regulation (EC) No 1272/2008 [CLP]:

Pictogram:



Signal word: Danger

Hazard statements:

H302: Harmful if swallowed.
H315: Causes skin irritation.
H318: Causes serious eye damage.

Precautionary statements:

P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/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.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
Use only as directed.

2.3 Other hazards:

EUH 208: Contains 2-(4-tert-butylbenzyl)propionaldehyde; Hexyl cinnam-aldehyde; (R)-p-Mentha-1,8-diene; 2,4-dimethyl-3-cyclohexen-1-carboxaldehyde; octahydro-2,3,8,8-tetramethyl-2-acetonape; 1,8 cyneole; 2,4,6-trimethyl-3-cyklohexen-1-carbaldehyde. May produce an allergic reaction.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances: not applicable

3.2 Mixtures:

3.2.1 Mixture meeting the criteria for classification in accordance with Directive 1999/45/EC:

Chemical name	Concentration	No. EC	No. CAS	Risk classification (for pure substance)
Benzenesulfonic Acid, Mono-C10-13-Alkylderivs., Sodium Salts	40-60%	270-115-0	68411-30-3	Xn; R22 Xi; R41, R38
Sulfuric acid, C12-18-alkyl(even numbered) esters, sodium salts	1-5%	--	--	Skin Irrit. 2, H315 Eye Dam. 1, H318
BUTYLPHENYL METHYLPROPIONAL	< 1%	201-289-8	80-54-6	Xn-N ; R22-R38-R43-R62-R51/53
alpha-HEXYLCINNAMALDEHYDE	< 0,5%	202-983-3	101-86-0	Xi ; R38-R43

Dramers S.A. z siedzibą w Rabowicach, ul. Olszynowa 38, 62-020 Swarzędz, NIP 781-10-12-408, wpisana do Krajowego Rejestru Sądowego - Rejestru Przedsiębiorców prowadzonego przez Sąd Rejonowy Poznań - Nowe Miasto i Wilda Wydział VIII Gospodarczy Krajowego Rejestru Sądowego pod numerem KRS 0000090260, wysokość kapitału zakładowego wynosi 500.000,00 zł., wysokość wpłaconego kapitału wynosi 500.000,00 zł.

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LIMONENE	< 0,5%	227-813-5	5989-27-5	Xn-Xi-N ; R10-R38-R43-R65-R50/53
2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE	< 0,5%	268-264-1	68039-49-6	Xi ; R43-R36/38-R52/53
1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTALENYL)ETHANONE	< 0,5%	259-174-3	54464-57-2	Xi-N ; R38-R43-R51/53
1,8-CINEOLE	< 0,5%	207-431-5	470-82-6	R10, R43
2,4,6-TRIMETHYL-3-CYCLOHEXEN-1-CARBALDEHYDE	< 0,5%	215-638-7	1335-66-6	Xi ; R36-R43-R52/53
The list of risk is in a chapter 16.				

3.2.2 Mixture meeting the criteria for classification in accordance with Regulation 1272/2008:

Chemical name	Concentration	No. EC	No. CAS	Risk classification (for pure substance)
Benzenesulfonic Acid, Mono-C10-13-Alkylderivs., Sodium Salts	40-60%	270-115-0	68411-30-3	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
Sulfuric acid, C12-18-alkyl(even numbered)esters, sodium salts	1-5%	--	--	Skin Irrit. 2, H315 Eye Dam. 1, H318
BUTYLPHENYL METHYLPROPIONAL	< 1%	201-289-8	80-54-6	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens 1, H317 Repr. 2, H361 Aquatic Chronic. 2, H411,
alpha-HEXYLCINNAMALDEHYDE	< 0,5%	202-983-3	101-86-0	Skin Sens 1, H317 Aquatic Chronic. 2, H411,-
LIMONENE	< 0,5%	227-813-5	5989-27-5	Flamm. Liq. 3, H226 Asp. Tox.1. H304 Skin Irrit. 2, H315 Skin Sens 1, H317- Aquatic Chronic 1. H410,-
2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE	< 0,5%	268-264-1	68039-49-6	Skin Irrit. 2, H315 Skin Sens 1, H317 Eye irrit. 2 H319
1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTALENYL)ETHANONE	< 0,5%	259-174-3	54464-57-2	Skin Irrit. 2, H315 Skin Sens 1, H317 Aquatic Chronic. 2, H411,-
1,8-CINEOLE	< 0,5%	207-431-5	470-82-6	Flamm. Liq. 3, H226, Skin Sens 1, H317
2,4,6-TRIMETHYL-3-CYCLOHEXEN-1-CARBALDEHYDE	< 0,5%	215-638-7	1335-66-6	Skin Sens 1, H317 Eye irrit. 2 H319 Aquatic Chronic. 3, H412
The list of risk is in a chapter 16.				

SECTION 4. FIRST AID MEASURES

Dramers S.A. z siedzibą w Rabowicach, ul. Olszynowa 38, 62-020 Swarzędz, NIP 781-10-12-408, wpisana do Krajowego Rejestru Sądowego - Rejestru Przedsiębiorców prowadzonego przez Sąd Rejonowy Poznań - Nowe Miasto i Wilda Wydział VIII Gospodarczy Krajowego Rejestru Sądowego pod numerem KRS 0000090260, wysokość kapitału zakładowego wynosi 500.000,00 zł., wysokość wpłaconego kapitału wynosi 500.000,00 zł.

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4.1 Description of first aid measures:

4.1.1 Relevant routes of exposure:

Skin contact:	Rinse the skin immediately with lots of water. Get medical attention if any discomfort continues.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes (while lifting the eye lids). Get medical attention.
Ingestion:	Do not induce vomiting. If conscious, thoroughly rinse the mouth, without swallowing, and then drink at least half a litre of water immediately. Transfer to hospital as soon as possible.

4.1.2 General recommendations:

During usage wear suitable gloves and eye/face protection.

In the case of exposure to one of the major roads listed in Section 4.1.1:

Do not induce vomiting. If unconscious do not give anything to drink. If you have any alarming symptoms, transfer to hospital as soon as possible and show safety data sheet or packaging / label to the medical staff assisting.

4.2 Most important symptoms and effects, both acute and delayed:

No data available.

4.3 Indication of any immediate medical attention and special treatment needed:

In case of ingestion or contact with eyes is recommended to contact a physician.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media:

The material is not flammable. Use extinguishing media appropriate to the surrounding fire.

5.2 Special hazards arising from the substance or mixture:

Contact with flammable materials may cause fire.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Fire creates : carbon dioxide (CO₂), carbon monoxide (CO), sulfurous gases (SO_x).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection.

6.2 Environmental precautions:

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The product is biodegradable and water soluble.

6.3 Methods and material for containment and cleaning up:

No special clean-up methods are necessary

Liquid with dissolved rim block absorb into dry sand, sawdust, diatomaceous earth or another universal absorbent. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4 Reference to other sections:

Dispose of in accordance with all applicable regulations. Chapter 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Follow the information appear on the label. During usage: do not eat, drink, avoid breathing vapors and avoid heat sources.

7.2 Conditions for safe storage, including any incompatibilities:

Storage in the original packaging in cool and well ventilated area, where the relative humidity does not exceed 65%, with an optimum temperature between 8 - 25°C. Keep container tightly closed. Avoid direct sunlight and heat sources, hot surfaces and open flames. Store away from strong acids and strong oxidants.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

No data available.

8.2 Exposure controls:

Respiratory protection:	In standard conditions, none protection applicable.
Hand protection:	Protective gloves, avoid direct contact.
Eye protection:	Safety goggles, avoid direct contact.
Skin protection:	Protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:	cylinder shaped toilet block;
Odour:	characteristic for used fragrance
pH:	7,0 – 11,0
Melting point/freezing point:	not applicable
Initial boiling point and boiling range:	not known
Flash point:	not applicable
Evaporation rate:	not applicable

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Flammability:	not flammable
Upper/lower flammability or explosive limits:	not applicable
Vapor pressure:	not applicable
Relative density:	1,2 - 1,8 kg/L
Solubility(ies):	in water soluble
Partition coefficient: n-octanol/water:	not applicable
Auto-ignition temperature:	not applicable
Decomposition temperature:	no data available
Viscosity:	no data available
Explosive properties:	not applicable
Oxidizing properties:	not applicable

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:**
No data available.
- 10.2 Chemical stability:**
Stable under normal conditions.
- 10.3 Possibility of hazardous reactions:**
Do not use with other chemical products, acids and oxidants.
- 10.4 Conditions to avoid:**
Heat.
- 10.5 Incompatible materials:**
Avoid contact with acids, alkalies, strong oxidants.
- 10.6 Hazardous decomposition products:**
Hazardous decomposition products - in case of fire - section 5.

SEKCJA 11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects:**
- Acute toxicity:**
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts.
LD50 Skin - Rat - > 2000 mg/kg
LD50 Oral - Rat - 1080 mg/kg
OECD 404 Acute Dermal Irritation/Corrosion - Rabbit - Skin - Irritant
OECD 405 Acute Eye Irritation/Corrosion - Rabbit - Eyes - Caustic
- Irritation:** no data available
Repeated dose toxicity: no data available
Carcinogenicity: no data available
Mutagenicity: no data available
Toxicity for reproduction: no data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Research on the effects of preparation on the environment, has not been performed. Must not be allowed to spread the larger quantities of the product to reach ground water and waterways.

Toxicity of components:

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts.

Acute Tox. EC50 3h, bacteria, 550 mg/l

Acute Tox. EbC50 72h, algae, 47,3 mg/l

Acute Tox. LC50 48h, daphnia, 2,4 mg/l

Acute Tox. LC50 96h, fish, 1,67 mg/l

12.2 Persistence and degradability:

Surfactants contained in the product are biodegradable in accordance with the biodegradability criteria, contained in Regulation 648/2004/EC.

12.3 Bioaccumulative potential: no data available

12.4 Mobility in soil: no data available

12.5 Results of PBT and VPVB assessment: no data available

12.6 Other adverse effects: no data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Small amounts (at customer house) after usage may be treated as standard wastes.

In case of big amounts:

Container : recycling

Product: dispose of in accordance with Local Authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number: no data available

14.2 UN proper shipping name: no data available

14.3 Transport hazard class(es): no data available

14.4 Packing group: no data available

14.5 Environmental hazards: no data available

14.6 Special precautions for user: no data available

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:

Labeling according to EU Directives: 1272/2008/EC, 99/45/EC, 67/548/EEC, 2001/58/EU,

EC/1907/2006 REACH, 648/2004/EC, 453/2010/EU.

15.2. Chemical Safety assessment: no data available

SECTION 16: OTHER INFORMATION

Labeling according to EEC Directive 67/548/EEC

Xi Irritant.

Xn Harmful.

R22 Harmful if swallowed.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

H272 Causes damage to organs through prolonged or repeated exposure.

H302 Harmful if swallowed .

H315 Causes skin irritation.

H318 Causes serious eye damage.

Acute Tox. 4, Acute toxicity, category 4

Skin Irrit. 2, Skin irritation, category 2

Eye Dam. 1, Serious eye damage, category 1

Ox Sol. Kat.2 Oxidising solids, category 2

The information given in this data sheet is believed to be true and correct. This document is not intended for quality assurance purposes.