



Auto Refinishing Products

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Version no. 1

Safety Data Sheet
according to WHS Regulations

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

· **Product identifier**

· Trade name: **SEMIGLOSS BLACK ACRYLIC AEROSOL**

· Article number: 112123

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

· Life cycle stages

PW Widespread use by professional workers

C Consumer use

· Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· Product category PC9a Coatings and paints, thinners, paint removers

· Process category

PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

· Environmental release category ERC12c Use of articles at industrial sites with low release

· Article category

AC7 Metal articles

AC1 Vehicles

· Application of the substance / the mixture Surface protection

· **Details of the supplier of the safety data sheet**

· Manufacturer/Supplier:

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

THESSALONIKI INDUSTRIAL AREA

57.022, SINDOS

THESSALONIKI,GREECE

Ph: +30 2310 790 000

Fax: +30 2310 790 033

www.hbbody.com

email: hbbody@hbbody.com

· Further information obtainable from:

Sydney Automotive Paints & Equipment PTY LTD

Unit A3, 366 Edgar St. Condell Park NSW 2200

AUSTRALIA, Tel. +02 9772 9000 , +02 9772 9001

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Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL

· Emergency telephone number:

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131 126, New Zeland 0800 764 766.

2 Hazard(s) Identification

Classification of the substance or mixture



Aerosol 1

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.



Muta. 1A

H340 May cause genetic defects.

Carc. 1A

H350 May cause cancer. Route of exposure: Inhalation.



Serious eye damage/irritation – Category 2A H319 Causes serious eye irritation.

Label elements

· GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).

· Hazard pictograms



GHS02 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labelling:

butane, pure (35-<40 %)

isobutane (1-<5 %)

titanium dioxide (5-<10 %)

· Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H319 Causes serious eye irritation.

H340 May cause genetic defects.

H350 May cause cancer. Route of exposure: Inhalation.

· Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P251 Pressurized container: Do not pierce or burn, even after use.

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

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL**Other hazards****Results of PBT and vPvB assessment**

This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT). This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

PBT: Not applicable.

vPvB: Not applicable.

3 Composition and Information on Ingredients**Chemical characterisation: Mixtures**

Description: Mixture of hazardous substances listed below with nonhazardous additions.

Dangerous components:

CAS: 106-97-8	butane, pure	35-<40%
EINECS: 203-448-7	Flam. Gas 1A, H220	
Index number: 601-004-00-0	Press. Gas C, H280	
RTECS: EJ 4200000	Acute Tox. 3, H331	
	Muta. 1A, H340; Carc. 1A, H350	
CAS: 67-64-1	acetone	15-<20%
EINECS: 200-662-2	Flam. Liq. 2, H225	
Index number: 606-001-00-8	Serious eye damage/irritation – Category 2A, H319; STOT SE 3, H336	
RTECS: AL 3150000		
CAS: 64742-95-6	Solvent naphtha (petroleum), light arom.	10-<15%
EINECS: 265-199-0	Flam. Liq. 3, H226	
Index number: 649-356-00-4	Asp. Tox. 1, H304	
	Acute Tox. 4, H332; STOT SE 3, H335	
CAS: 1330-20-7	xylene	5-<10%
EINECS: 215-535-7	Flam. Liq. 3, H226	
Index number: 601-022-00-9	Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335	
RTECS: ZE 2100000		
CAS: 13463-67-7	titanium dioxide	5-<10%
EINECS: 236-675-5	Carc. 2, H351	
Index number: 022-006-00-2		
CAS: 75-28-5	isobutane	1-<5%
EINECS: 200-857-2	Flam. Gas 1A, H220	
Index number: 601-004-00-0	Press. Gas C, H280	
RTECS: TZ 4300000	Muta. 1A, H340; Carc. 1A, H350	
CAS: 74-98-6	propane	1-<5%
EINECS: 200-827-9	Flam. Gas 1A, H220	
Index number: 601-003-00-5	Press. Gas C, H280	
RTECS: TX 2275000		
CAS: 1330-20-7	xylene	≥1-<5%
Index number: 601-022-00-9	Flam. Liq. 3, H226	
	Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	

Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Remove contact lenses in case of eye contamination and irrigate copiously with clean water for at least 15 minutes trying to hold the eye lids open.

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Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL

- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- Most important symptoms and effects, both acute and delayed
 - Asthma attacks
 - Breathing difficulty
 - Dizziness
- Indication of any immediate medical attention and special treatment needed
 - Medical supervision for at least 48 hours.

5 Fire Fighting Measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products
- **Speial protective equipment and fire fighting procedures:** No special measures required.
- **Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Handling:**
- Precautions for safe handling
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
- Information about fire - and explosion protection:
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Keep respiratory protective device available.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- **Storage:**
- Requirements to be met by storerooms and receptacles:
Observe official regulations on storing packagings with pressurised containers.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL**8 Exposure controls and personal protection**

· **Additional information about design of technical facilities:** No further data; see section 7.

· **Ingredients with limit values that require monitoring at the workplace:**

106-97-8 butane, pure

WES Long-term value: 1900 mg/m³, 800 ppm

67-64-1 acetone

WES Short-term value: 2375 mg/m³, 1000 ppm

Long-term value: 1185 mg/m³, 500 ppm

WHS Short-term value: 2375 mg/m³, 1000 ppm

Long-term value: 1185 mg/m³, 500 ppm

1330-20-7 xylene

WES Short-term value: 655 mg/m³, 150 ppm

Long-term value: 350 mg/m³, 80 ppm

74-98-6 propane

WES Asphyxiant

1330-20-7 xylene

WES Short-term value: 655 mg/m³, 150 ppm

Long-term value: 350 mg/m³, 80 ppm

· Regulatory information WES: Workplace exposure standards for airborne contaminants

· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· For the permanent contact gloves made of the following materials are suitable: Fluorocarbon rubber (Viton)

· For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Rubber gloves

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Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL

- Eye protection:
Safety glasses



Tightly sealed goggles

- Body protection: Protective work clothing

9 Physical and Chemical Properties

General Information

- Appearance:
 - Form: Aerosol
 - Colour: Different according to colouring
 - Odour: Characteristic
 - Odour threshold: Not determined.
- **pH-value:** Mixture is non-soluble (in water).
- **Change in condition**
 - Melting point/freezing point: Undetermined.
 - Initial boiling point and boiling range: -44.5 °C
- **Flash point:** < 0 °C
- **Flammability (solid, gas):** Not applicable.
- **Autoignition temperature:** 365 °C
- Decomposition temperature: Not determined.
- **Ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Risk of explosion by shock, friction, fire or other sources of ignition.
- **Explosion limits:**
 - Lower: 0.7 Vol %
 - Upper: 13 Vol %
- **Vapour pressure at 20 °C:** 2,100 hPa
- **Density at 20 °C:** 0.733 g/cm³
- Relative density: Not determined.
- Vapour density: Not determined.
- Evaporation rate: Not applicable.
- **Solubility in / Miscibility with**
 - water: Not miscible or difficult to mix.
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
 - Dynamic: Not determined.
 - Kinematic at 20 °C: 0 mm²/s
- **Solvent content:**
 - Organic solvents: 77.3 %
 - VOC (EC) 599.8-599.9 g/l
 - Solids content (volume): 18.1 %
- **Other information** No further relevant information available.

Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL**10 Stability and Reactivity**

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Dermal LD50 20,339-20,346 mg/kg

Inhalative LC50/4 h 50.4 mg/l

106-97-8 butane, pure

Inhalative LC50/4 h 658 mg/l (rat)

67-64-1 acetone

Oral LD50 5,800 mg/kg (rat)

Dermal LD50 20,000 mg/kg (rabbit)

64742-95-6 Solvent naphtha (petroleum), light arom.

Oral LD50 >6,800 mg/kg (rat)

Dermal LD50 >3,400 mg/kg (rab)

Inhalative LC50/4 h >10.2 mg/l (rat)

1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rabbit)

Inhalative LC50/4 h 11 mg/l (ATE)

13463-67-7 titanium dioxide

Oral LD50 >20,000 mg/kg (rat)

Dermal LD50 >10,000 mg/kg (rabbit)

Inhalative LC50/4 h >6.82 mg/l (rat)

1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rabbit)

Inhalative LC50/4 h 11 mg/l (ATE)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** May cause genetic defects.
- **Carcinogenicity** May cause cancer. Route of exposure: Inhalation.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.

Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL

- Aspiration hazard Based on available data, the classification criteria are not met.

12 Ecological Information

· **Toxicity**

· Aquatic toxicity:

This product is not toxic for the aquatic life. Nevertheless do not dispose the product or any cleaning solvents used along with this product into the sea

· **Persistence and degradability**

This product contains polyesteric molecules and organic solvents and is not known to be bioaccumulative. It can be considered as biodegradable in small quantities. In case of disposal, it should be treated as a hazardous material and should be disposed accordingly. Do not just throw it away

· **Behaviour in environmental systems:**

· Bioaccumulative potential No further relevant information available.

· Mobility in soil No further relevant information available.

· **Additional ecological information:**

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· **Results of PBT and vPvB assessment**

· PBT: This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT).

· vPvB: Not applicable.

· **Other adverse effects** No further relevant information available.

* 13 Disposal considerations

· **Waste treatment methods**

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· Recommendation: Disposal must be made according to official regulations.

* 14 Transport information

· **UN-Number**

· ADG, IMDG, IATA UN1950

· **UN proper shipping name**

· ADG UN1950 AEROSOLS

· IMDG AEROSOLS

· IATA AEROSOLS, flammable


· **Transport hazard class(es)**

· ADG



· Class 2 5F Gases.

Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL

· Label	2.1
· IMDG, IATA	
	
· Class	2.1 Gases.
· Label	2.1
· Packing group	
· ADG, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Warning: Gases.
· Hazard identification number (Kemler code):	-
· EMS Number:	F-D,S-U
· Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
· Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· Transport category	2
· Tunnel restriction code	D
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

15 Regulatory information

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

- None of the ingredients is listed.
· Australian Inventory of Industrial Chemicals

106-97-8 butane, pure
67-64-1 acetone
9003-55-8 resin

Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL

64742-95-6 Solvent naphtha (petroleum), light arom.

1330-20-7 xylene

13463-67-7 titanium dioxide

75-28-5 isobutane

74-98-6 propane

1330-20-7 xylene

1333-86-4 Carbon black

108-65-6 2-methoxy-1-methylethyl acetate

100-41-4 ethylbenzene

123-86-4 n-butyl acetate

78-83-1 butanol

· Standard for the Uniform Scheduling of Medicines and Poisons

67-64-1 acetone: S5

1330-20-7 xylene: S6

1330-20-7 xylene: S6

· Australia: Priority Existing Chemicals

None of the ingredients is listed.

· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

· Hazard pictograms



GHS02 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labelling:

butane, pure (35-<40 %)

isobutane (1-<5 %)

titanium dioxide (5-<10 %)

· Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H319 Causes serious eye irritation.

H340 May cause genetic defects.

H350 May cause cancer. Route of exposure: Inhalation.

· Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P251 Pressurized container: Do not pierce or burn, even after use.

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

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Directive 2012/18/EU**

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category P3a FLAMMABLE AEROSOLS

· Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL

- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- **National regulations:**
- Information about limitation of use:
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
- **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

16 Other information

This information is based on our current knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases
H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H340 May cause genetic defects.
H350 May cause cancer.
H351 Suspected of causing cancer.

Contact:

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- * Data compared to the previous version altered.

Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL**Annex: Exposure scenario****Short title of the exposure scenario****Sector of Use**

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers**Process category**

PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

Article category

AC7 Metal articles

AC1 Vehicles

Environmental release category ERC12c Use of articles at industrial sites with low release**Description of the activities / processes covered in the Exposure Scenario**

See section 1 of the annex to the Safety Data Sheet.

Conditions of use According to directions for use.**Duration and frequency** Frequency of use:**Physical parameters**

The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.

Physical state Aerosol**Concentration of the substance in the mixture** The substance is main component.**Used amount per time or activity** Smaller than 100 g per application.**Other operational conditions****Other operational conditions affecting environmental exposure**

No special measures required.

Use only on hard ground.

Other operational conditions affecting worker exposure

Avoid contact with eyes.

Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking.

Avoid contact with the skin.

Other operational conditions affecting consumer exposure No special measures required.**Other operational conditions affecting consumer exposure during the use of the product** Not applicable.**Risk management measures****Worker protection****Organisational protective measures**

Ensure good ventilation. This can be achieved by using a local exhaust or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

Technical protective measures

Provide explosion-proof electrical equipment.

Ensure that suitable extractors are available on processing machines

Use product only in enclosed systems.

Personal protective measures

Avoid contact with the eyes.

Tightly sealed goggles

Avoid contact with the skin.

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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Trade name: SEMIGLOSS BLACK ACRYLIC AEROSOL**· Measures for consumer protection**

Ensure adequate labelling.

Observe consumer information and advice on safe use.

· Environmental protection measures**· Water**

Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

Do not allow to reach sewage system.

· Soil

The product is only processed over the concrete collecting basin.

Prevent contamination of soil.

· Disposal measures Ensure that waste is collected and contained.**· Disposal procedures**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Waste type Partially emptied and uncleaned packaging**· Exposure estimation****· Consumer**

This product is to be used by professional technicians only.

The highest inhalative exposure to be expected for consumers is 1000 ppm.

The highest dermal exposure to be expected for consumers is 1000 mg / kg / day.

The highest oral exposure to be expected for consumers is 1000 mg / kg / day.

· Guidance for downstream users

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.