# OTTO CHEMIE PVT LTD

 $201,\,51\text{-}53\;Maroo\;Bhavan,\,Kalbadevi,\,Mumbai-400002,\,India.\;Tel:+\,91\,\,22\,\,2207\,\,0099\,/\,\,6638\,\,2599$ 

Email: info@ottokemi.com, Web: www.ottokemi.com

-----ISO 9001: 2015-------

#### **MATERIAL SAFETY DATA SHEET**

Identification

1.1GHS Product identifier Ethyl p-hydroxybenzoate, 99%

Code: E 1580

1.20ther means of identification

Product number

Other names Sobrol A

1.3Recommended use of the chemical and restrictions on use Identified uses For industry use only. Food additives

Uses advised against no data available

1.4Supplier's details

Company WWW.GuideChem.COM

Address 8F, Block C, No.3 Building, Zijin Plaza, No.701, Gudun Road,

Hangzhou, Zhejiang 310030, China

Telephone +86-571-89739798 Fax 86(21)54365166

1.5Emergency phone number

Emergency phone number +86-571-89739798

Service hours Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8

nours).

2.Hazard identification

2.1 Classification of the substance or mixture

Not classified.

2.2GHS label elements, including precautionary statements

Pictogram(s) No symbol. Signal word No signal word.

Hazard statement(s) none
Precautionary statement(s)
Prevention none
Response none
Storage none

Storage none none

2.3Other hazards which do not result in classification

none

## 3. Composition/information on ingredients

3.1Substances

Chemical name	Common names and synonyms	CAS number	EC number	Concentration
Ethylparaben	Ethylparaben	120-47-8	none	100%

## 4.First-aid measures

4.1 Description of necessary first-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2Most important symptoms/effects, acute and delayed

no data available

4.3Indication of immediate medical attention and special treatment needed, if necessary

/SRP:/ Immediate first aid: Ensure that adequate decontamination has been carried out. If patient is not breathing, start artificial respiration, preferably with a demand valve resuscitator, bag-valve-mask device, or pocket mask, as trained. Perform CPR if necessary. Immediately flush contaminated eyes with gently flowing water. Do not induce vomiting. If vomiting occurs, lean patient

forward or place on the left side (head-down position, if possible) to maintain an open airway and prevent aspiration. Keep patient quiet and maintain normal body temperature. Obtain medical attention. /Poisons A and B/

5. Fire-fighting measures

5.1Extinguishing media

Suitable extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2Specific hazards arising from the chemical

no data available

5.3Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### 6.Accidental release measures

6.1Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3Methods and materials for containment and cleaning up

ACCIDENTAL RELEASE MEASURES: Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Methods and materials for containment and cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### 7. Handling and storage

7.1Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

## 8. Exposure controls/personal protection

8.1Control parameters

Occupational Exposure limit values

no data available

Biological limit values

no data available

8.2Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

Skin protection

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

Wear dust mask when handling large quantities.

Thermal hazards

no data available

## 9. Physical and chemical properties

Physical state white crystalline powder

Colour Small, colorless crystals or powder at room temperature

Odour Odorless

Melting point/ freezing point 250\u00b0C(dec.)(lit.)
Boiling point or initial boiling 178\u00b0C/11mmHg(lit.)

point and boiling range

Flammability no data available Lower and upper explosion no data available

limit / flammability limit

Flash point 125\u00b0C(lit.)
Auto-ignition temperature Decomposition temperature no data available pH no data available Kinematic viscosity 125\u00b0C(lit.)
no data available no data available

Solubility In water, 8.85X10+2 mg/L at 25\u00b0C Partition coefficient nlog Kow = 2.47

octanol/water (log value)

Vapour pressure 0.000759mmHg at 25\u00b0C 1.168 g/cm3

Density and/or relative

density

Relative vapour density no data available Particle characteristics no data available

10. Stability and reactivity

10.1Reactivity no data available

10.2Chemical stability

Stable under recommended storage conditions.

10.3Possibility of hazardous reactions

no data available

10.4Conditions to avoid

no data available

10.5Incompatible materials

Incompatible materials: Strong oxidizing agents, strong bases

10.6Hazardous decomposition products

When heated to decomposition it emits acrid smoke and fumes.

## 11.Toxicological information

Acute toxicity

Oral: LD50 Rat (female) oral 4.30 g/kg

Inhalation: no data available Dermal: no data available Skin corrosion/irritation no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available Germ cell mutagenicity no data available Carcinogenicity no data available Reproductive toxicity

no data available STOT-single exposure

no data available STOT-repeated exposure

no data available Aspiration hazard

no data available

## 12. Ecological information

12.1Toxicity

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: EC50; Species: Pseudokirchneriella subcapitata (Green Algae) exponential growth phase; Conditions: freshwater, static; Concentration: 18000 ug/L for 72 hr (95% confidence interval: 17000-19000 ug/L); Effect: population, decreased population growth rate /formulation

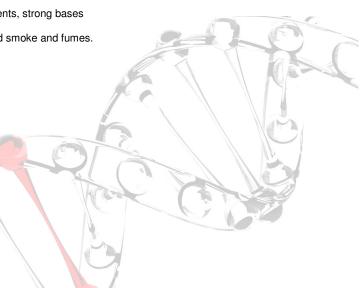
Toxicity to microorganisms: no data available

12.2Persistence and degradability

AEROBIC: Biodegradation is expected to be an important environmental fate process for this compound(SRC). A pseudo first-order rate constant of 2.07X10-3 hr-1 was measured in an aerobic screening test conducted with a phenol-acclimated sludge inoculum over a 7 day incubation period(1). This corresponds to a half-life of about 14 days(1). A rate constant of 8.27X10-3 hr-1 was measured in an aerobic screening test conducted with a cresol-acclimated sludge inoculum over a 1 day incubation period(2). This corresponds to a half-life of about 3.5 days(2). Average concentrations of not detected, 0.84, 0.05 and 0.85 ng/L were reported for ethylparaben in gray water from 32 residences and associated effluent from aerobic, anaerobic and anaerobic+aerobic biological treatment systems, respectively. Testing was done in August, 2008 in Sneek, The Netherlands(3). Ethylparaben, present at an average concentration of 880 ng/L, exhibited half-lives of 1.8 days and 27.5 hours using an activated sludge batch test and a real wastewater treatment plant test, respectively; sampling was conducted during April and May 2010 in a metropolitan area of northwest Spain(4).

12.3Bioaccumulative potential

An estimated BCF of 20 was calculated for ethylparaben(SRC), using a log Kow of 2.47(1) and a regression derived equation(2). According to a classification scheme(3), this BCF suggests the potential for bioconcentration in aquatic organisms is low(SRC). 12.4Mobility in soil



Koc values of 209, 162 and 119 have been reported for acidic forest soil, agricultural soil and sediment samples obtained from Lake Constance, Germany, respectively(1). Based on a recommended classification scheme(2), these Koc values indicate that ethylparaben is expected to have high to moderate mobility in soil. The pKa of ethylparaben is 8.34(3), indicating that this compound will partially exist in anion form in the environment and anions generally do not adsorb more strongly to soils containing organic carbon and clay than their neutral counterparts(4).

12.50ther adverse effects

no data available

#### 13.Disposal considerations

13.1Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems. Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

#### 14. Transport information

14.1UN Number

ADR/RID: UN3077 IMDG: UN3077 IATA: UN3077

14.2UN Proper Shipping Name

ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

14.3Transport hazard class(es)

ADR/RID: 9 IMDG: 9 IATA: 9

14.4Packing group, if applicable

ADR/RID: III IMDG: III IATA: III

14.5Environmental hazards

ADR/RID: no IMDG: no IATA: no

14.6Special precautions for user

no data available

14.7Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code no data available

## 15.Regulatory information

15.1Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS number	EC number
Ethylparaben	Ethylparaben	120-47-8	none
European Inventor	Listed.		
EC Inventory			Listed.
United States Toxi	Listed.		
China Catalog of H	Not Listed.		
New Zealand Inver	Listed.		
Philippines Invento	Listed.		
Vietnam National (	Listed.		
Chinese Chemical	Listed.		

### Section 16: Other Information

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.