

Revision number: 1.1 Revision date: 07/06/2018

## 1. IDENTIFICATION

# TCI AMERICA SAFETY DATA SHEET

Product name: Product code:	Ethyl 4-Hydroxybenzoate [for Biochemical Research] E0884		
Product use: Restrictions on use:	For laboratory research purposes. Not for drug or household use.		
Company: TCI America 9211 N. Harborgate Street Portland, OR 97203 U.S.A. Telephone: +1-800-423-8616 / +1-503-283-1681 Fax: +1-888-520-1075 / +1-503-283-1987 e-mail: sales-US@TCIchemicals.com www.TCIchemicals.com	Emergency telephone number: Chemical Emergencies: TCI America (8:00am - 5:00pm) PST +1-503-286-7624 Transportation Emergencies: Chemtrec 24-Hour +1-800-424-9300 (U.S.A.) +1-703-527-3887 (International) Responsible department: TCI America Environmental Health Safety and Securit +1- 503-286-7624		
2. HAZARD(S) IDENTIFICATION			
OSHA Haz Com: CFR 1910.1200: WHMIS 2015:	Skin Corrosion/Irritation [Category 2] Eye Damage/Irritation [Category 2A] Sensitization - Skin [Category 1]		
Signal word:	Warning!		
Hazard Statement(s):	Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction		
Pictogram(s) or Symbol(s):			
Precautionary Statement(s): [Prevention]	Avoid breathing dust, fume, mist, vapors or spray. Contaminated work clothing must not be allowed of the workplace. Wash hands and face thoroughly after handling. Wear protective gloves, eye		
[Response]	protection. If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice or attention. Wash contaminated clothing before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.		
[Disposal]	Dispose of contents and container in accordance with local, regional, national regulations (e.g. US: 40 CFR Part 261, EU:91/156/EEC, JP: Waste Disposal and Cleaning Act, etc.).		
Hazards not otherwise classified:	None.		

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Components: Percent: CAS RN: Molecular Weight: Chemical Formula: Synonyms:

[HNOC]

Substance Ethyl 4-Hydroxybenzoate [for Biochemical Research] >99.0%(GC)(T) 120-47-8 166.18 CəH10O3 4-Hydroxybenzoic Acid Ethyl Ester , Ethylparaben

Inhibition:   Remove vicitim to fresh air and keep at rest in a position comfordable for breathing. Get medical advice/attention if you leel unwell.     Skin contact:   Remove/Take off immediately all contaminated clothing. Gentty wash with plenty of soap and water. If skin irritation or rash accuss: Get medical advice/attention.     Eye contact:   Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue mining. if give irritation presists: Get medical advice/attention.     Symptoms/effects:   Redness.     Acute:   Redness.     Delayoct:   May cause skin sensitization.     Indication of any immediate medical attention:   Notes to physician:     Notes to physician:   Note solidate.     Notes to physician:   Closed containers may explode from heat of a fire.     Advice for infighters:   Wear self-contained breathing apparatus if possible.     6. ACCIDENTAL RELEASE MEASURES   Personal protective equipment and emergency procedures: Prevent proceautions, protective: equipment and emergency procedures: Prevent proceautions for safe handling:   Handling is performed in a well ventiled place. Wear subtable protective equipment. Keep people away from and upwind of split/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc. Prevent product from entering drains. Prevent product from entering drains.     ZirADNULING AND STORAGE   Prevent dispresion of dust. Wash han	Kesearch				
Description of first aid measures Inhalation:   Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.     Skin contact:   Remove Take off immediately ail contaminated clothing. Gently wash with plenty of scap and water. If skin initiation or rash occurs: Get medical advice/attention.     Eye contact:   Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Cet medical advice/attention if you feel unwell. Rinse mouth.     Symptoms/effects:   Rotness.     Acute:   Redness.     Delayed:   May cause skin sensitization.     Indication of any immediate medical attention:   Notes to physician:     Notes to physician:   Notes to physician:     Notes to physician:   These products: Include: Carbon oxides     Stable extinguishing media:   Dry chemical, foam, water spray, carbon dioxide.     Hazardous combustion products:   These products include: Carbon oxides     Ghier specific hazards:   Use personal protective equipment. Keep people away from and upwind of spill/eak. Entry to equipment and tearlists for containmers     Watch of firefighters:   Use personal protective equipment. Keep people away from and upwind of spill/eak. Entry to equipment and tearlists for containmers     Strice away from incompatibilities store arearowill be generated. Avoid contact with skin, eyes and	4 FIRST-AID MEASURES				
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Eye protection: Safety glasses. A face-shield, if the situation requires.	Respiratory protection:				
	•	5			
Skin and body protection: Protective clothing. Protective boots, if the situation requires.					

## 9. PHYSICAL AND CHEMICAL PROPERTIES

7. TTT SIGNE MND OTTEMIONE	_ FROFERIES		7. FITISICAL AND CHEMICAL FROFERINES						
Physical state (20°C): Form: Colour: Odour: Odor threshold: Odour threshold:	Solid Crystal - Powder White No data available No data available No data available								
Melting point/freezing point: Boiling point/range: Decomposition temperature: Relative density: Kinematic viscosity: Log Pow:	117°C (243°F) 178°C /1.5kPa (352°F) No data available No data available No data available No data available	pH: Vapour pressure: Vapour density: Dynamic Viscosity: Evaporation rate(Butyl Acetate=1):	No data available No data available. No data available No data available No data available						
Flash point: Flammability(solid, gas):	No data available No data available	Autoignition temperature: Flammability or explosive limits: Lower: Upper:	No data available No data available No data available						
Solubility(ies): [Water] [Other solvents] Very soluble: Soluble: Slightly soluble: Very slightly soluble:	Insoluble (885mg/L, 25°C) Ether, Alcohols Carbon disulfide, Propylen Chloroform, Petroleum etho Glycerol	e glycol							
10. STABILITY AND REACTIV	ΊΤΥ								
Reactivity: Chemical stability: Possibility of hazardous reactions Incompatible materials: Hazardous decomposition produc	s: No special reactivity has be Oxidizing agents	Stable under proper conditions. No special reactivity has been reported.							
11. TOXICOLOGICAL INFORMATION									
RTECS Number: DH2190000									
Acute Toxicity: orl-mus LD50:3 g/kg		ipr-mus LD50:520 mg/kg							

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Skin corrosion/irritation: No data available

#### Serious eye damage/irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: cyt-ham-fbr 250 mg/L mmo-esc 10 mmol/L (-S9)

Carcinogenicity: No data available

IARC: No data available

orl-rat TDLo:45600 mg/kg (8-15D preg)

Reproductive toxicity:

NTP:

No data available

cyt-ham-Ing 440 mg/L

OSHA: No data available

Target organ(s):

No data available

12. ECOLOGICAL INFORMATION

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Ecotoxicity: Fish: Crustacea: Algae:	No data available No data available No data available
Persistence / degradability: Bioaccumulative potential(BCF): Mobility in soil	No data available 16
Log Pow: Soil adsorption (Koc): Henry's Law (PaM ³/mol):	2.47 119 - 209 4.9 x 10 <sup>-4</sup>
13. DISPOSAL CONSIDERATIONS	
Disposal of product:	Recycle to process if possible. It is the generator's responsibility to comply with Federal, State and Local rules and regulations. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. This section is intended to provide assistance but does not replace these laws, nor does compliance in accordance with this section ensure regulatory compliance according to the law. US EPA guidelines for Identification and Listing of Hazardous Waste are listed in 40 CFR Parts 261. The product should not be allowed to enter the environment, drains, water ways, or the soil.
Disposal of container: Other considerations:	Dispose of as unused product. Do not re-use empty containers. Observe all federal, state and local regulations when disposing of the substance.
14. TRANSPORT INFORMATION	
DOT (US)	Non-hazardous for transportation.
IATA_	Non-hazardous for transportation.
IMDG_	Non-hazardous for transportation.

3 0 0

## 15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA 8b.): This product is ON the EPA Toxic Substances Control Act (TSCA) inventory.

US Federal Regul CERCLA Hazardo SARA 313: SARA 302:	lations_ ous substance and Rep	Not Listed Not Listed	
State Regulations State Right-to-Kn Massachuset New Jersey Pennsylvania California Propos	ow ts	Not Listed Not Listed Not Listed Not Listed	
Other Information NFPA Rating: Health: Flammability: Instability:	<u>1</u> 3 0 0		HMIS Classification: Health: Flammability: Physical:
<u>International Inve</u> Canada: DSL EC-No:	entories_	On DSL 204-399-4	

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## 16. OTHER INFORMATION

## Revision date: 07/06/2018

Revision number: 1.1

TCI chemicals are for research purposes only and are NOT intended for use as drugs, food additives, households, or pesticides. The information herein is believed to be correct, but does not claim to be all inclusive and should be used only as a guide. Neither the above named supplier nor any of its affiliates or subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All chemical reagents must be handled with the recognition that their chemical, physiological, toxicological, and hazardous properties have not been fully investigated or determined. All chemical reagents should be handled only by individuals who are familiar with their potential hazards and who have been fully trained in proper safety, laboratory, and chemical handling procedures. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist. Our SDS are based only on data available at the time of shipping and are subject to change without notice as new information is obtained. Avoid long storage periods since the product is subject to degradation with age and may become more dangerous or hazardous. It is the responsibility of the user to request updated SDS for products that are stored for extended periods. Disposal of unused product must be undertaken by qualified personnel who are knowledgeable in all applicable regulations and follow all pertinent safety precautions including the use of appropriate protective equipment (e.g. protective goggles, protective clothing, breathing equipment, face mask, fume hood). For proper handling and disposal, always comply with federal, state and local regulations.