



1 Monthleading Product Identify Product Ident		Reviewed on 01/08/2010
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WMMA dia.com Thormation Department: Health, Safety and Environmental Department Thormation Department: Health, Safety and Environmental Department Thormation Department: Health, Safety and Environmental Department Department Dusiness hours, (donday-Fridey, Barr-Tpm EST), call (800) 343-0660. After normal business hours, call Carechem 24 at (860) 928-0789. 2 Hazard(s) identification Consideration of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Consideration of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Consideration of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) Heart and the constance of the Product Book of the Constance with 29 CFR 1910 (OSHA HCS) Heart of the Product Book of the Constance of t	Fax: 800-322-4757	
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H227 Combustible liquid. H315 Gauses skin initiation. H319 Causes serious eye initiation. Precautionary statements Productionary statements Productinary statements		
H319 Causes serious eye irritation. Precautionary statements P280 Wear protective gloves. P305-P381+P381 F1 VESS: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. WHMIS classification D3 - Combustible liquid D2 - Toxic material causing other toxic effects Cassification system HMIS ratings (scale 0-4) (Hazardous Materials identification System) Halth (acute effects) = 1 Fammability = 2 Physical Hazard = 1 Other hazards Results of PBT and VPVB assessment PBT: Not applicable. 3 Composition/information on ingredients Chemical characterization: Substances CASB Description: 4748-781 - 4Ehrylbenzaldehryde Identification number(s): EC number : 225-268-8: 4 First-aid measures Description of first aid measures After skin contact After skin contact Market and the substances contact lenses in consult a doctor. After skin contact After skin contact After skin contact Market and the substances contact lenses in consult a doctor.	H227 Combustible liquid.	
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	Review	7ed on 01/08/2010
Product name: 4-Ethylbenzaldehyde	<u>}</u>	
		(Contd. of page 1)
After swallowing Seek medical treatme Information for doctor		
Most important symptoms and effects	s, both acute and delayed No further relevant information available. attention and special treatment needed No further relevant information available.	
	Rendon and special dealment needed to fullion following monitoring and available.	
5 Fire-fighting measures		
Extinguishing media Suitable extinguishing agents Carbon	dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.	
For safety reasons unsuitable extingue Special hazards arising from the subs	uishing agents Water with full iet.	
If this product is involved in a fire, the fol Carbon monoxide and carbon dioxide	lowing can be released:	
Advice for firefighters		
Protective equipment: Wear self-contained respirator.		
Wear fully protective impervious suit.		
6 Accidental release measures		
Personal precautions, protective equi Wear protective equipment. Keep unprot	pment and emergency procedures	
Ensure adequate ventilation		
Methods and material for containment	low material to be released to the environment without proper governmental permits. t and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sa	wdust).
Prevention of secondary hazards: Kee Reference to other sections	ap away from ignition sources.	<i>,</i>
See Section 7 for information on safe ha See Section 8 for information on persona	Indling	
See Section 13 for disposal information.		
7 Handling and storage		
Handling		
Precautions for safe handling Handle under dry protective gas.		
Keep container tightly sealed. Store in cool, dry place in tightly closed o	containers.	
Ensure good ventilation at the workplace	explosions and fires: Keep ignition sources away.	
Conditions for safe storage, including		
Storage		
Information about storage in one com	ns and receptacles: No special requirements. Imon storage facility:	
Store away from oxidizing agents. Store away from air.		
Further information about storage con Store under dry inert gas.	nditions:	
This product is air sensitive		
Keep container tightly sealed. Store in cool, dry conditions in well seale	ed containers.	
Specific end use(s) No further relevant	information available.	
8 Exposure controls/personal prote		
Additional information about design of Properly operating chemical fume hood of	of technical systems: designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.	
Control parameters		
Components with limit values that req Additional information: No data	quire monitoring at the workplace: Not required.	
Exposure controls		
Personal protective equipment General protective and hygienic meas		
The usual precautionary measures for ha Keep away from foodstuffs, beverages a	and feed	
Remove all soiled and contaminated clou Wash hands before breaks and at the er	thing immediately.	
Avoid contact with the eyes and skin. Maintain an ergonomically appropriate w		
Breathing equipment: Use suitable res	pirator when high concentrations are present.	
Protection of hands: Impervious gloves		
Check protective gloves prior to each us	e for their proper condition. depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer.	
Penetration time of glove material (in Eye protection: Safety glasses		
Body protection: Protective work clothi	ng.	
9 Physical and chemical properties		
Information on basic physical and che General Information		
Appearance: Form:	Liquid	
Color: Odor:	Cólorless Characteristic	
Odor threshold:	Not determined.	
pH-value:	Not determined.	
Change in condition Melting point/Melting range:	Not determined	
Boiling point/Boiling range:	220-221 °C (428-430 °F)	(Contd. on page 3)
		(Conta: on page o)

(Contd. on page 3)

Product name: 4-Fthylbenzaldehyde

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roduct name: 4-Ethylbenzaldehyde	1-	
	e	
		(Contd. of page 2
Sublimation temperature / start:	Not determined	
Flash point: Flammability (solid, gaseous)	92 °C (198 °F) Not determined.	
Ignition temperature:	Not determined	
Decomposition temperature: Auto igniting:	Not determined Not determined.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits:		
Lower: Upper:	Not determined Not determined	
Vaþór pressure: Density at 20 °C (68 °F):	Not determined 0.979 g/cm³ (8.17 lbs/gal)	
Relative density	Not determined.	
Vapor density Evaporation rate	Not determined. Not determined.	
Solubility in / Miscibility with		
Water: Partition coefficient (n-octanol/water)	Not miscible or difficult to mix r): Not determined.	
Viscosity:		
dynamic: kinematic:	Not determined. Not determined.	
Other information	No further relevant information available.	
0 Stability and reactivity		
Reactivity No information known. Chemical stability Stable under recom	nmended storage conditions	
Thermal decomposition / conditions	to be avoided: Decomposition will not occur if used and stored according to specifications.	
Possibility of hazardous reactions No Conditions to avoid No further relevan	o dangerous reactions known nt information available.	
Incompatible materials:		
Air Oxidizing agents		
Hazardous decomposition products:	: Carbon monoxide and carbon dioxide	
Reproductive foxicity: No effects know Specific target organ system toxicity Specific target organ system toxicity Aspiration hazard: No effects known. Subacute to chronic toxicity: No effect	skin irritation. erious eye irritation. nown. aown. a on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. wn. / - repeated exposure: No effects known. / - single exposure: No effects known.	
2 Ecological information Toxicity		
Aquatic toxicity: No further relevant int	nformation available.	
Aquatic toxicity: No further relevant inf Persistence and degradability No furt Bioaccumulative potential No further I Mobility in soil No further relevant infor Additional ecological information:	ther relevant information available. relevant information available.	
Aquatic toxicity: No further relevant inf Persistence and degradability No furth Bioaccumulative potential No further Mobility in soil No further relevant infor Additional ecological information: General notes: Do not allow material to be released to t Avoid transfer into the environment. Results of PBT and vPvB assessmen PBT: Not applicable.	ther relevant information available. relevant information available. ormation available. the environment without proper governmental permits.	
Aquatic toxicity: No further relevant inf Persistence and degradability No furth Bioaccumulative potential No further I Mobility in soil No further relevant infor Additional ecological information: General notes: Do not allow material to be released to t Avoid transfer into the environment. Results of PBT and vPvB assessmen PBT: Not applicable. vPvB: Not applicable.	ther relevant information available. relevant information available. ormation available. the environment without proper governmental permits. nt	
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