

# COSMOS PLASTICS & CHEMICALS

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## Material Safety Data Sheet

Section 1 Identification																					
Product Number:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 2px;">C1397</td> </tr> <tr> <td style="padding: 2px;">Health:</td> <td style="text-align: right; padding: 2px;">2</td> </tr> <tr> <td style="padding: 2px;">Flammability</td> <td style="text-align: right; padding: 2px;">2</td> </tr> <tr> <td style="padding: 2px;">Reactivity</td> <td style="text-align: right; padding: 2px;">0</td> </tr> <tr> <td colspan="2" style="padding: 2px;">Hazard Rating:</td> </tr> <tr> <td colspan="2" style="padding: 2px;">Least Slight Moderate High Extreme</td> </tr> <tr> <td style="text-align: center; padding: 2px;">0</td> <td style="text-align: center; padding: 2px;">1</td> </tr> <tr> <td style="text-align: center; padding: 2px;">2</td> <td style="text-align: center; padding: 2px;">3</td> </tr> <tr> <td style="text-align: center; padding: 2px;">4</td> <td style="padding: 2px;"></td> </tr> <tr> <td colspan="2" style="padding: 2px;">NA = Not Applicable NE = Not Established</td> </tr> </table>	C1397		Health:	2	Flammability	2	Reactivity	0	Hazard Rating:		Least Slight Moderate High Extreme		0	1	2	3	4		NA = Not Applicable NE = Not Established	
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NA = Not Applicable NE = Not Established																					
Product Name:	Butyl Acetate Reagent A.C.S.																				
Trade/Chemical Synonyms																					
Formula:	$CH_3CO(CH_2)_3CH_3$																				
RTECS:	AF7350000																				
C.A.S	CAS# 123-86-4																				
Section 2 Component Mixture																					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:																
<input type="checkbox"/>	Butyl Acetate	CAS# 123-86-4	100%	W/W	TXDS: orl-rat LD <sub>50</sub> 15g/Kg																
Section 3 Hazard Identification (Also see section 11)																					
<p>Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.</p>																					
Section 4 First Aid Measures																					
<p>Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.</p> <p>FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention</p> <p>EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek</p>																					

Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

#### Section 5 Fire Fighting Measures

Fire Extinguisher Type: Carbon Dioxide, dry chemical powder or appropriate foam

Fire/Explosion Hazards: Thermal decomposition produces highly toxic fumes.

Fire Fighting Procedure: water spray may be used but may be ineffective

#### Section 6 Accidental Release Measures

eliminate all sources of ignition . Flush heavily with water.

#### Section 7 Handling and Storage

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

#### Section 8 Exposure Controls & Personal Protection

Respiratory Protection:NIOSH/MSHA-approved respirator

Ventilation: Mechanical: Hand Protection: Gloves to prevent exposure

Local Exhaust: Eye Protection: Face Shield

Other Protective Equipment: Use safe laboratory handling procedures.

#### Section 9 Physical and Chemical Properties

Melting Point:	information not available	Specific Gravity	0.8826
Boiling Point:	126° C	Percent Volatile by Volume:	100
Vapor Pressure:	8	Evaporation Rate:	1
Vapor Density:	4.0	Evaporation Standard:	Butylacetate =1
Solubility in Water:	0.68	Auto ignition Temperature:	Not applicable
Appearance and Odor:	water-white liquid non-residual odor	Lower Flamm. Limit in Air:	1.7
Flash Point:	25.6° C	Upper Flamm. Limit in Air:	7.6

#### Section 10 Stability and Reactivity Information

Stability:Stable Conditions to Avoid:Avoid contact with incompatible materials.

Materials to Avoid:  
ALKALINES

Hazardous Decomposition Products:  
Carbon dioxide, carbon monoxide.

Hazardous Polymerization:Will Not Occur

Condition to Avoid:None known

**Section 11 Additional Information**

may be poisonous if inhaled or absorbed through skin. Vapors may cause dizziness or suffocation. Contact may irritate or burn skin and eyes. Fire may produce irritating or poisonous gases. Condition aggravated / target organs. Persons with pre existing eye,skin and respiratory conditions may be more susceptible.

DOT Classification:Butyl Acetates, 3, UN1123, PG II

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

Revision No:0

Date Entered: 9/1/2006

Approved by: WPF