

Material Safety Data Sheet

ARMOR ALL PROFESSIONAL CLEAR COAT POLISH YELLOW BUBBLE GUM

1. Product and company identification

FORMER name of product : BLUE CORAL CLEAR COAT POLISH - YELLOW
Product use : Maintenance Product

Supplier's Information

Zep Vehicle Care
2930 Waters Road
Suite 230
Eagan, MN 55121
Phone: 1-877-3269274

Emergency Telephone Numbers

For MSDS Information: 1-877-I-BUY-ZEP (428-9937), Option #5
For Medical Emergency: INFOTRAC: (877) 541-2016 Toll Free
All Calls Recorded
For Transportation Emergency: CHEMTREC: (800) 424-9300
All Calls Recorded, In the District of Columbia (202) 483-7616

Code : 902299
Date of issue : 17-April-2012

2. Hazards identification

Product AS SOLD

Physical state : Liquid.
Emergency overview : WARNING!

CAUSES SEVERE EYE AND SKIN IRRITATION. Untreated contact may cause severe irritation or chemical burns.
May cause burns to mouth, throat and stomach.
CAUSES RESPIRATORY TRACT IRRITATION.
COMBUSTIBLE LIQUID AND VAPOR.
Contains tartrazine. If ingested or inhaled may cause asthmatic-like reactions or dermal symptoms in tartrazine-sensitive individuals.

Do not ingest. Do not get in eyes, on skin or on clothing. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Product AT USE DILUTION

Liquid.
CAUTION !

No specific hazard.

No specific hazard.

Potential acute health effects

Product AS SOLD

Eyes : Severely irritating to eyes. Untreated contact may cause chemical burns.
Skin : Severely irritating to the skin. Untreated contact may cause severe irritation or chemical burns.
Inhalation : Irritating to respiratory system. Contains tartrazine. If ingested or inhaled may cause asthmatic-like reactions or dermal symptoms in tartrazine-sensitive individuals.
Ingestion : May cause burns to mouth, throat and stomach. Contains tartrazine. If ingested or inhaled may cause asthmatic-like reactions or dermal symptoms in tartrazine-sensitive individuals.

Product AT USE DILUTION

No known significant effects or critical hazards.
No known significant effects or critical hazards.
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See toxicological information (Section 11)

3. Composition/information on ingredients

Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
BUTOXYETHANOL	111-76-2	10
quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	61789-77-3	1 - 5
quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides	61791-10-4	1 - 5
1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts	61789-40-0	1 - 5
propan-2-ol	67-63-0	1 - 5
Proprietary	NJ	1 - 5
	0219022990205	
pyrazole-3-carboxylic acid, 5-hydroxy-1-(p-sulfophenyl)-4-(p-sulfophenyl)azo-, trisodium salt	1934-21-0	1 - 5

Product AT USE DILUTION

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.	No known effect after eye contact. Rinse with water for a few minutes.
Skin contact	: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.	No known effect after skin contact. Rinse with water for a few minutes.
Inhalation	: If inhaled, remove to fresh air. Get medical attention if irritation persists.	No special measures required. Treat symptomatically.
Ingestion	: If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.	Get medical attention if symptoms occur.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products

: Decomposition products may include the following materials:
 carbon dioxide
 carbon monoxide
 nitrogen oxides
 sulfur oxides
 metal oxide/oxides

Fire-fighting media and instructions

: Use dry chemical, CO₂, water spray (fog) or foam.

Use water spray to keep fire-exposed containers cool. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

		Product AS SOLD	Product AT USE DILUTION
Personal precautions	:	Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.	Use personal protective equipment as required.
Environmental precautions	:	Avoid contact of spilled material and runoff with soil and surface waterways.	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
Methods for cleaning up	:	Follow company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment (see section 8). Absorb/neutralize liquid material. Use a tool to scoop up solid or absorbed material and put into appropriate labeled container. Use a water rinse for final clean-up.	Use a water rinse for final clean-up.

7. Handling and storage

		Product AS SOLD	Product AT USE DILUTION
Handling	:	Do not ingest. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.	Wash thoroughly after handling.
Storage	:	Keep out of reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Store in a closed container. Keep container tightly closed. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Do not store below the following temperature: 0°C	Keep out of reach of children.

8. Exposure controls/personal protection

		Product AS SOLD	Product AT USE DILUTION
Engineering measures	:	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal protection			
Eyes	:	Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.	No protective equipment is needed under normal use conditions.
Hands	:	Use chemical-resistant, impervious gloves.	No protective equipment is needed under normal use conditions.
Skin	:	Wear suitable protective clothing.	No protective equipment is needed under normal use conditions.
Respiratory	:	Avoid breathing vapors, spray or mists.	No special protection is required.

8. Exposure controls/personal protection

Ingredient	Exposure limits
BUTOXYETHANOL	ACGIH TLV (United States, 2/2010). TWA: 20 ppm 8 hour(s). OSHA PEL (United States, 6/2010). Absorbed through skin. TWA: 240 mg/m ³ 8 hour(s). TWA: 50 ppm 8 hour(s).
ISOPROPYL ALCOHOL	ACGIH TLV (United States, 2/2010). STEL: 400 ppm 15 minute(s). TWA: 200 ppm 8 hour(s). OSHA PEL (United States, 6/2010). TWA: 980 mg/m ³ 8 hour(s). TWA: 400 ppm 8 hour(s).

9. Physical and chemical properties

	Product AS SOLD	Product AT USE DILUTION
Physical state	: Liquid.	Liquid.
Flash point	: 66 °C (Closed cup)	> 100°C
Color	: Amber [Dark]	Yellow
Odor	: Fragrance-like	Faint odor
pH	: 8 [Conc. (% w/w): 100%]	6.9 to 7.2
Boiling/condensation point	: >100°C (>212°F)	
Relative density	: 1.004	

10. Stability and reactivity

Product AS SOLD

- Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
- Reactivity** : Highly reactive or incompatible with the following materials: oxidizing materials.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Hazardous polymerization** : Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological information

Potential acute health effects

	Product AS SOLD	Product AT USE DILUTION
Eyes	: Severely irritating to eyes. Untreated contact may cause chemical burns.	No known significant effects or critical hazards.
Skin	: Severely irritating to the skin. Untreated contact may cause severe irritation or chemical burns.	No known significant effects or critical hazards.
Inhalation	: Irritating to respiratory system. Contains tartrazine. If ingested or inhaled may cause asthmatic-like reactions or dermal symptoms in tartrazine-sensitive individuals.	No known significant effects or critical hazards.
Ingestion	: May cause burns to mouth, throat and stomach. Contains tartrazine. If ingested or inhaled may cause asthmatic-like reactions or dermal symptoms in tartrazine-sensitive individuals.	No known significant effects or critical hazards.

Product AS SOLD

Other adverse effects

Target organs :

11. Toxicological information

Contains material which may cause damage to the following organs: blood, kidneys, liver, spleen, lymphatic system, upper respiratory tract, central nervous system (CNS).

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

<p>Product AS SOLD</p> <p>Waste disposal : Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.</p>	<p>Product AT USE DILUTION</p> <p>Diluted product can be flushed to sanitary sewer. Discard empty container in trash.</p>
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14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Product AS SOLD
 DOT Classification : Not regulated.

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

Product AT USE DILUTION
 Not intended for transport.

15. Regulatory information

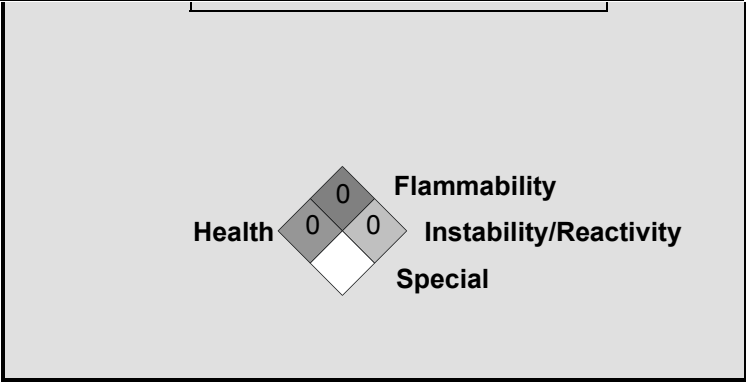
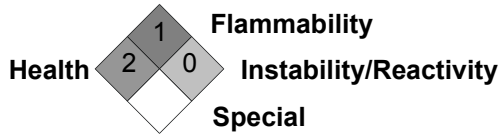
<p>Product AS SOLD</p> <p>HCS Classification : Combustible liquid Corrosive material Target organ effects</p> <p>Product AS SOLD U.S. Federal regulations</p> <p>TSCA 8(b) inventory : All components are listed or exempted. SARA 302/304/311/312 extremely hazardous substances: No listed substance SARA 302/304 emergency planning and notification: No listed substance</p> <table border="0"> <tr> <td style="border-bottom: 1px solid black;">SARA 313</td> <td style="border-bottom: 1px solid black;">Product name</td> <td style="border-bottom: 1px solid black;">CAS number</td> <td style="border-bottom: 1px solid black;">Concentration</td> </tr> <tr> <td>Form R - Reporting requirements</td> <td>: 2-butoxyethanol</td> <td>111-76-2</td> <td>9.965</td> </tr> </table> <p>California Prop. 65 : No listed substance</p>	SARA 313	Product name	CAS number	Concentration	Form R - Reporting requirements	: 2-butoxyethanol	111-76-2	9.965	<p>Product AT USE DILUTION</p> <p>Not regulated.</p>
SARA 313	Product name	CAS number	Concentration						
Form R - Reporting requirements	: 2-butoxyethanol	111-76-2	9.965						

16. Other information

<p>Product AS SOLD</p> <p>Hazardous Material Information System (U.S.A.)</p> <table border="1" style="width: 100%;"> <tr> <td style="background-color: #00b0f0; color: white;">Health</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="background-color: #ff0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #ffa500; color: white;">Physical hazards</td> <td style="text-align: center;">0</td> </tr> </table>	Health	2	Flammability	1	Physical hazards	0	<p>Product AT USE DILUTION</p> <table border="1" style="width: 100%;"> <tr> <td style="background-color: #00b0f0; color: white;">Health</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #ff0000; color: white;">Flammability</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #ffa500; color: white;">Physical hazards</td> <td style="text-align: center;">0</td> </tr> </table>	Health	0	Flammability	0	Physical hazards	0
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16. Other information

National Fire Protection Association (U.S.A.) :



Date of issue : 17-April-2012
 Responsible name : Compliance Services
 1-877-428-9937, menu option #6, then option #2

☑ Indicates information that has changed from previously issued version.

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**