

BC 100 Intermediate Fg

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: Pariser Industries
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Date Printed: 9/8/2017
 Name of Preparer: Environmental Dept

Product Name: BC 100 Intermediate Fg
 CAS No. : Mixture
 Product Form: Liquid
 Trade Secret Registry # 307554-5208P

HMIS Codes:

H	F	R	P
3	1	0	X

UN Number:
 UN1760
 Recommended Use of Chemical: Industrial

SECTION 2 – HAZARDS IDENTIFICATION

Carcinogenicity:

NTP Carcinogen: No

IARC Monographs: No

OSHA Regulated: No

GHS Classification:



GHS Environmental Statements:

Acute Aquatic Toxicity (1) Chronic Aquatic Toxicity (2)

GHS Health Statements:

Acute Toxicity Inhalation (2) Skin Corrosion (1B) Serious Eye Damage (1) Target Organ Toxicity- Single Exposure (2) Acute Toxicity Oral (4)

GHS Hazard Statements:

H314: Causes severe skin burns and eye damage
 H318: Causes serious eye damage
 H330: Fatal if inhaled
 H371: May cause damage to organs
 H400: Very toxic to aquatic life
 H411: Toxic to aquatic life with long lasting effects
 H302: Harmful if swallowed

GHS Physical Statements:

GHS Precautionary Statements:

P264: Wash ... thoroughly after handling.
 P233: Keep container tightly closed
 P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
 P280: Wear protective gloves/protective clothing/eye protection/face protection
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations.
 P337+313: If eye irritation persists get medical advice/attention
 P403+235: Store in a well ventilated place. Keep cool
 P270: Do not eat, drink or smoke when using this product
 P260: Do not breathe dust/fume/gas/mist/vapours/spray
 P273: Avoid release to the environment
 P320: Specific treatment is urgent (see ... on this label).
 P284: [In case of inadequate ventilation] wear respiratory protection

GHS Signal Word: Danger

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Name of Chemical Contributing to Known Hazards : _Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride
_Alkyl dimethyl benzyl ammonium chloride (C12-C18)
 Common Name of Chemical Contributing to Known Hazards : Quaternary

Name	Product Identifier (CAS No)	%
<u>_Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride</u>	85409-23-0	5
<u>_Alkyl dimethyl benzyl ammonium chloride (C12-C18)</u>	68391-01-5	5

SECTION 4 – FIRST AID MEASURES

Emergency and First Aid Procedures

First – Aid Measures General:

Check the vital functions. Unconscious: Maintain adequate airway and respiration. Respiratory Arrest: Artificial respiration or oxygen. Cardiac Arrest: Perform resuscitation. Victim conscious with labored breathing: Half-seated. Victim in Shock: On his back with legs slightly raised. Vomiting: Prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: Doctor/Hospital. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label where possible).

First – Aid Measures after Inhalation:

Remove the victim into fresh air. Respiratory Problems: consult a doctor/medical service. Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms continue seek medical attention. Do not use mouth-to-mouth method if victim inhaled substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately.

First – Aid Measures after Skin Contact:

Wash immediately with lots of water (15 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Cover wounds with sterile bandage. Consult a doctor/medical service if required.

First – Aid Measures after Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

First – Aid Measures after Ingestion:

Rinse mouth with water. Immediately after ingestion: Give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Do not give chemical antidote. Immediately consult a doctor/medical service. Ingestion of large quantities: Go immediately to hospital.

Most Important Symptoms and Effects (Acute and Delayed)

Symptoms/Injuries after Inhalation:

Dry/sore throat. Coughing. Irritation of the respiratory tract and/or nasal mucous membranes. Delayed symptoms include possible laryngeal spasm/oedema. Risk of lung oedema. Respiratory difficulties.

Symptoms/Injuries after Skin Contact:

Causes skin burns.

Symptoms/Injuries after Eye contact:

Permanant eye damage including blindness could result. Symptoms include stinging, tearing, redness, swelling, and blurred vision.

Symptoms/Injuries after Ingestion:

May cause headache, dizziness, and gastrointestinal distress.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media:

Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO₂).

Unsuitable Extinguishing Media:

Do not use water jet as an extinguisher as this will spread the fire.

Hazards Arising From the Chemical:

Gases hazardous to health may be formed.

Advice for Firefighters

Precautionary Measures\Firefighting Instructions:

In case of fire and/or explosion do not breathe fumes. Use standard fire fighting procedures and consider hazards of other involved materials. Cool tanks/drums with water spray. Remove them to safety if you can do so without risk.

Special Protective Equipment:

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Protective Equipment:

Gloves and Goggles. Wear additional appropriate protective equipment and clothing when necessary.

Emergency Procedures:

Mark the danger area. Ensure adequate ventilation. No naked flames. Wash contaminated clothes. Large spills/in confined spaces: Consider evacuation.

Environmental Precaution:

Prevent soil and water pollution. Prevent spreading in sewers. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Containment:

Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill.

Methods for Clean Up:

Take up liquid spill into absorbent material, e.g.: dry sand/earth or powdered limestone. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Wash away remainder with plentiful water. Damaged/cooled tanks must be emptied. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling:

Wear appropriate personal protective equipment. Open containers slowly, on a stable surface. Containers of this product must be properly labeled. Keep container tightly closed when not in use. Wash thoroughly after using this

material. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged. Empty containers may contain residual materials, therefore, empty containers should be handled with care. Store in a cool place away from ignition sources. Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Do not empty into drains. Avoid release to the environment.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions:

Store in a dry area. Keep only in the original container in a cool, well ventilated place, away from direct sunlight and sources of intense heat. Keep container closed when not in use. Protect against freezing. Store away from incompatible materials. Provide for a tub to collect spills. Unauthorized persons are not admitted. If appropriate, post warning signs in storage and use areas. Meet the legal requirements.

Incompatible Materials & Products:

Oxidizers or Oxidizing Materials. Anionic Surfactants

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits: U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	CAS #	Type	Value
_Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0	N/A	N/A
_Alkyl dimethyl benzyl ammonium chloride (C12-C18)	68391-01-5	N/A	N/A

Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Individual Protection Measures

Avoid all unnecessary exposure.

Personal Protective Equipment

Hand Protection:

Wear protective gloves.

Eye Protection:

Chemical goggles or face shield.

Skin and Body Protection:

Corrosion-proof clothing.

Respiratory Protection:

Wear appropriate mask.

Other Information:

Do not eat, drink, or smoke during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Red
Odor:	Not Available
Odor Threshold:	No Data Available
pH:	7.7
Melting Point:	No Data Available
Freezing Point:	No Data Available
Boiling Point:	No Data Available
Boiling Point Range:	No Data Available
Flashpoint:	> 208 F (>97.8 C)
Evaporation Rate:	No Data Available
Flammability (Solid, Gas):	No Data Available
Explosive Limits:	No Data Available
Vapor Pressure:	No Data Available
Vapor Density @ 20C:	No Data Available
Specific Gravity:	8.36
Solubility:	Soluble in water
Partition Coefficient (n-octanol/water):	No Data Available
Auto-Ignition Temperature:	No Data Available

SECTION 10 – STABILITY AND REACTIVITY**Stability:**

Stable under normal conditions

Possibility of Hazardous Reactions:

This product is stable and non-reactive under normal conditions of use, storage, and transport.

Conditions to Avoid:

Keep away from heat, sparks and flame.

Incompatibility (Materials to Avoid):

Oxidizers or Oxidizing Materials.
Anionic Surfactants

Hazardous Decomposition Products:

Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.

Hazardous Polymerization:

Will Not Occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Prolonged contact with the undiluted material may cause irritation.

85409-23-0	_Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	LD50 Dermal	Rabbit	>2000 mg/kg
68391-01-5	_Alkyl dimethyl benzyl ammonium chloride (C12-C18)	LD50 Oral	Rat	500 - 5000 mg/kg

Carcinogenicity: Not Classified

Germ Cell Mutagenicity: Not Classified

Routes of Exposure/Symptoms of Exposure

Symptoms/Injuries after Inhalation:

Dry/sore throat. Coughing. Irritation of the respiratory tract and/or nasal mucous membranes. Delayed symptoms include possible laryngeal spasm/oedema. Risk of lung oedema. Respiratory difficulties.

Symptoms/Injuries after Skin Contact:

Causes skin burns.

Symptoms/Injuries after Eye Contact:

Permanant eye damage including blindness could result. Symptoms include stinging, tearing, redness, swelling, and blurred vision.

Symptoms/Injuries after Ingestion:

May cause headache, dizziness, and gastrointestinal distress.

Chronic Symptoms:

Prolonged exposure may cause chronic effects.

SECTION 12 – ECOLOGICAL

Ecotoxicity: Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

85409-23-0	_Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride			No test available
68391-01-5	_Alkyl dimethyl benzyl ammonium chloride (C12-C18)			No test available

Persistence and Degradability: No Data Available.

Bioaccumulative Potential: Not expected to bioaccumulate.

Mobility in Soil:

Other Adverse Effects: Avoid release to the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS**Waste Disposal Method:**

Dispose in an approved waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in accordance with all Federal, State, Local, and National regulations regarding disposal. Do not discharge into surface water. Avoid release to the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since empty containers may contain product residue follow label warnings even after container is empty.

SECTION 14 – TRANSPORT INFORMATION**DOT:**

<u>UN Number:</u>	UN1760
<u>UN Proper Shipping Name:</u>	CORROSIVE LIQUID, N.O.S. (QUATERNARY AMMONIUM CHLORIDE)
<u>Transport Hazard Class:</u>	8
<u>Subsidiary Hazard Class(es):</u>	
<u>Packaging Group:</u>	III
<u>Special Precautions/Provisions:</u>	49CFR Parts 100-185, Emergency Response Guidebook #132

SECTION 15 – REGULATORY INFORMATION**US Federal Regulations**

CERCLA Hazardous Substance List (40 CFR 302.4): Not Listed

DOT: 49CFR Parts 100-185

SARA 302 (Extremely Hazardous Substance): No

SARA 311/312 Hazardous Chemical: Yes

SARA 313 (TRI reporting): No

SECTION 16 – OTHER INFORMATION

Date of Preparation of SDS/Date of Last Change: September 8, 2017

Disclaimer:

The information in this SDS was obtained from current and reliable sources, and to the best knowledge of Pariser Industries is deemed to be accurate. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage, and disposal of this product are beyond the control of Pariser Industries, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement of omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.