

Safety Data Sheet
BCR

Version 0.1

Revision Date 06/04/2015

Print Date 06/04/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : BCR

Substance number : 8120650, 8120655, 8120656, 8120659, 8120660

Chemical usage : Cleaning Compound

Manufacturer or supplier's details

Company : **Supplier Information**
 Paul H. Gesswein & Co., Inc.

Address : 201 Hancock Ave., Bridgeport, CT 06605
 Phone: 203-366-5400, FAX: 203-366-3953

Telephone : email: info@gesswein.com, **www.gesswein.com**

Telefax :

Emergency telephone no : **CHEMTELL - 800-255-3924**

SECTION 2. HAZARDS IDENTIFICATION
Emergency Overview


Appearance	liquid
Colour	red
Odour	Bland
Hazard Summary	Irritating to eyes and skin. Harmful if swallowed.

GHS Classification

Skin corrosion : Category 1A

Serious eye damage : Category 1

GHS Label element

Hazard pictograms : 

Signal word : Danger

Hazard statements : Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Wash skin thoroughly after handling.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

Wash contaminated clothing before reuse.

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

Store in a well-ventilated place. Keep cool.

Store locked up.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

- Inhalation : no
- Skin : yes
- Ingestion : yes
- Aggravated Medical Condition : None known.

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture :

Hazardous components

Component	CAS-No.	Weight percent
Monoethanolamine	141-43-5	10 - 20
Sodium lauryl sulfate	151-21-3	0.1 - 1

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29CFR 1910.1200).

Specific chemical identity of composition has been withheld as a trade secret.

Exact percentage of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.
If skin irritation persists, call a physician.
- In case of eye contact : Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Seek medical advice.
- If swallowed : Rinse mouth.
Drink 1 or 2 glasses of water.
Never give anything by mouth to an unconscious person.
Obtain medical attention.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
Material can create slippery conditions.
- Methods and materials for containment and cleaning up : Ventilate area.
Neutralise with acid.
Clean up with inert absorbant material.
Keep in suitable, closed containers for disposal.
Flush with plenty of water.
- Additional advice : Never return spills in original containers for re-use.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Add this product to surface of solution slowly to avoid spattering
Do not add large amounts of product to solution at any one time.
Use only with adequate ventilation.
- Conditions for safe storage : Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Store indoors in a cool, well-ventilated place

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Monoethanolamine	141-43-5	TWA	3 ppm	ACGIH
		STEL	6 ppm	ACGIH
		TWA	3 ppm 8.000000 mg/m3	NIOSH REL
		ST	6 ppm 15.000000 mg/m3	NIOSH REL
		TWA	3 ppm 6.000000 mg/m3	OSHA Z-1
		STEL	6 ppm 15.000000 mg/m3	OSHA P0
		TWA	3 ppm 8.000000 mg/m3	OSHA P0

Personal protective equipment

- Respiratory protection : If the occupational exposure limits cannot be met, suitable respirator equipment shall be worn.
- Hand protection
Remarks : Impervious gloves
- Eye protection : Safety glasses with side-shields
- Skin and body protection : Rubber or plastic apron
- Hygiene measures : Avoid contact with skin, eyes and clothing.
Wear suitable gloves and eye/face protection.
Wear suitable protective clothing.
Wash hands before breaks and immediately after handling the product.
Provide adequate ventilation.

Do not inhale fumes.
Keep away from food and drink.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: red
Odour	: Bland
pH	: 10.0 - 11.0, Concentration: 40.00000 g/l
Freezing point	: -3.3 °C
Boiling point/boiling range	: no data available
Flash point	: No flash to boiling
Evaporation rate	: 1 Water = 1
Upper explosion limit	: Not applicable.
Lower explosion limit	: Not applicable.
Vapour pressure	: no data available
Relative density	: 1.019
Bulk density	: 8.5 lb/gal
Solubility(ies)	
Water solubility	: completely soluble
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: freezing Direct sources of heat.
Incompatible materials	: Acids Nitrous acid and other nitrosating agents
Hazardous decomposition products	: Nitrogen oxides (NOx) Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000.000000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate : > 40.000000 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 5,000.000000 mg/kg
Method: Calculation method

Components:

Monoethanolamine:

Acute oral toxicity : LD50 rat: 1,720.000000 mg/kg

Acute inhalation toxicity : LC50 rat: 1.210000 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50 rabbit: 1,000.000000 mg/kg

Sodium lauryl sulfate:

Acute oral toxicity : LD50 rat: 1,288.000000 mg/kg

Acute inhalation toxicity : LC50 rat: 3.900000 mg/l
Exposure time: 1 h

Acute dermal toxicity : LD50 rabbit: 580.000000 mg/kg

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

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STOT - single exposure

no data available

STOT - repeated exposure

no data available

Aspiration toxicity

no data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

no data available

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water : Remarks: no data available

Other adverse effects

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

SECTION 14. TRANSPORT INFORMATION

International regulation

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

SECTION 15. REGULATORY INFORMATION

TSCA Status : All components of this material comply with US TSCA requirements.

OSHA Hazards : Harmful by ingestion., Toxic by skin absorption
WHMIS Classification : D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

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Disodium phosphate	7558-79-4	5,000	
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SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

Monoethanolamine	141-43-5
Disodium phosphate	7558-79-4

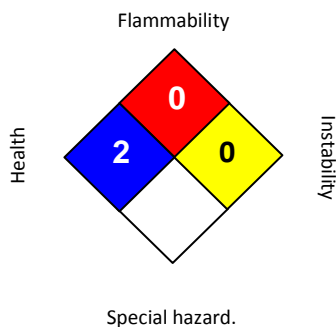
Pennsylvania Right To Know

water	7732-18-5
Monoethanolamine	141-43-5
Disodium phosphate	7558-79-4
Diethylene Glycol Butyl Ether	112-34-5

New Jersey Right To Know

water	7732-18-5
Monoethanolamine	141-43-5
Disodium phosphate	7558-79-4

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Safety Glasses, Gloves, Apron

SECTION 16. OTHER INFORMATION

Further information

Version 1.0

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Paul H. Gesswein & Co., Inc. warrants that the products described herein will conform with its published specifications.

The products supplied by Gesswein and information related to them are intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of the Gesswein materials for their own particular purpose. Since buyer's conditions of use of products are beyond Gesswein's control, Gesswein does not warrant any recommendations and information for the use of such products. GESSWEIN DISCLAIMS ALL OTHER WARRANTIES INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH THE USE OF ITS PRODUCTS.