



SAFETY DATA SHEET



HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

Section I - Product Identification

Date: 2016

Product Name:	QC Floor Cleaner
Company	QC Construcion Products 11901, Gavin Rd, Laredo Tx, 78045
Chemical Name:	Concrete resurfacing liquid
Chemical Family:	Mixture
Chemical Formula:	Proprietary
D.O.T. Hazard Class:	Compound cleaning liquid, non-hazardous
Appearance & Odor:	Blue liquid, mild odor
Emergency Telephone Number:	CHEMTREC (800) 424-9300
Telephone Number for Information:	956 622 7677
Product Use:	

Section II - Hazards Identification

Hazard Symbol:



HEALTH: Eye Damage/Irritation: Category 2

ENVIRONMENTAL: Acute Toxicity: None Known
Chronic Toxicity: None Known

PHYSICAL: None

Hazard Statements:

- Causes eye irritation
- May cause minor skin irritation
- Contains ingredients suspected of causing cancer

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

Avoid breathing mist or spray.

IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs or persists: Get medical attention.

IF ON SKIN: Rinse skin with water for several minutes. If skin irritation occurs or persists: Get medical attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or physician.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Store in a closed container.

Dispose of contents/container in accordance with local regulation.

Section III - Product Composition

Composition	CAS Number	Weight %
DODECYLBENZENE SULFONIC ACID, MONOETHANOLAMINE SALT	26836-07-7	1 - 2%
COCONUT DIETHANOLAMIDE	68603-42-9	0.5 - 1%
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	0.1 - 0.5%
DIETHANOLAMINE	111-42-2	<0.1

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Section IV - First Aid Measures

Eye Contact: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs or persists: get medical attention.

Skin Contact: Rinse skin with water for several minutes. If skin irritation occurs or persists: Get medical attention.

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or physician.

Section V - Fire Fighting Measure

Fire Extinguishing media: Use water spray dry chemical, carbon dioxide or regular foam. Move containers away from fire area if can be done without risk.

Hazards during fire-fighting:

Containers may rupture when exposed to extreme heat.

Protective equipment for fire-fighting:

Wear NFPA-approved self-contained breathing apparatus, helmet, hood, boots and gloves.

Section VI - Accidental Release Measures

Personal precautions:

Use recommended personal protective clothing and equipment. To prevent slipping, do not walk through spilled material.

Environmental precautions:

Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off of work area, and material should be absorbed, collected and disposed of in accordance with regulations. Keep product from entering storm drains. Consult local and federal guidelines for proper disposal of these materials.

Cleanup:

- For small amounts of released material: Mop or vacuum up then transfer to suitable container for disposal. - For large amounts of released material: Dike around spilled material to contain. Spilled material may be mopped or vacuumed up, then transferred to plastic containers for disposal.

Section VII - Handling and Storage

Handling:

General advice - No specific measures are necessary provided product and recommended protective clothing/equipment are used correctly. Do not mix with other chemicals. This is a commercial product, not intended for home use. Keep out of reach of children.

Storage:

General advice - Protect against physical damage. Store in tightly closed containers in a cool, well ventilated area. Do not allow product to freeze.

Shelf Life:

12 months

Section VIII - Exposure Controls / Personal Protection

Personal Protective Equipment



Advice on system design:

Provide local exhaust ventilation to control vapors for published exposure limits.

Personal protective equipment (HMIS rating 'B'):

Eye protection: Wear safety glasses with side shields or safety goggles to prevent exposure or full face shield if splash hazard exists.

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Section VIII - Exposure Controls / Personal Protection

Skin protection: Chemical-resistant gloves. Wear appropriate protective clothing to prevent possible skin contact.
Respiratory protection: Not normally required. Avoid breathing mists or spray. Use proper NIOSH-OSHA respirator if ventilation is inadequate.

General safety and hygiene measures: Exercise stringent hygiene practices to minimize exposure. If contact occurs, wash any body part with soap and water immediately. Wash hands after use, and before eating, drinking or smoking.

Other protective measures:

Nearby running water on the job site is necessary, should an accident occur.

Exposure Guidelines:

None

Section IX - Physical and Chemical Properties

Appearance:	Clear Blue Liquid	Flash Point:	None
Odor:	Mild Pine	Upper/Lower Flammability Limits:	No information available
pH value:	10.4+/- 0.2 (Concentrate) 9.4 +/- 0.2 (Use dilution 1:32)	Relative Density (water):	1.02
Specific gravity:	1.02 (H ₂ O = 1)	Auto-Ignition Temperature:	No information available
Solidification temperature:	No information available	Decomposition temperature:	No information available
Freezing/Melting point:	32 °F (0 °C)	Partition Coefficient	No information available
Boiling point:	212°F (100 °C)	Odor Threshold	No information available
Vapor density:	No information available	Viscosity:	<10 cps.
Vapor pressure:	No information available	Partition Coefficient	No information available
Evaporation Rate:	No information available	Solubility in water:	100%
Regulatory VOC:	<0.6 % by weight (concentrate) <0.1 % by weight (at routine use concentration – 1:32)		

Section X - Reactivity / Stability

Conditions to avoid:	Freezing. Excessive heat or flame.
Substances to avoid:	Strong oxidizing agents, acids and bases.
Hazardous reactions:	Product is chemically stable under normal conditions of use and storage.
Decomposition or By-products:	In fire conditions: carbon monoxide (CO), carbon dioxide (CO ₂) and oxides of sulfur.

Section XI - Toxicological Information

Acute Toxicity (Symptoms):

Oral:	Ingestion may cause nausea, vomiting, and diarrhea.
Eye irritation:	Irritation, redness and tearing.
Skin irritation:	May cause irritation and redness.
Inhalation:	Irritation to the respiratory tract, headache and dizziness.
Skin:	N/A.
Respiratory:	N/A

Chronic Toxicity:

Carcinogenicity: No carcinogenic substances as defined by ACGIH, NTP and/or OSHA. IARC classifies Coconut Diethylamide (68603-42-9) and Diethanolamine (111-42-2) as Category 2B – possibly carcinogenic to humans. No carcinogenic substances as defined by ACGIH, NTP and/or OSHA.

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Section XII - Ecological Information

Biodegradation:
Test method: Unspecified
Analysis method: Unspecified
Degree of elimination: Not Established

Environmental toxicity:
Acute and prolonged toxicity to fish: Not Established
Toxicity to microorganisms: Not Established
Other ecotoxicological advice: Not Established

Section XIII - Disposal Considerations

Waste disposal of substance: Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA (EPA regulations for hazardous waste). Container disposal: Dispose of in a licensed facility in accordance with local regulations.

RCRA: Unspecified.

Section XIV - Transportation / Shipping Data

DOT:
Proper Shipping Name: COMPOUND CLEANING LIQUID (NON-HAZARDOUS)

Section XV - Regulatory Information

Federal Regulations:

Registration status:
TSCA, US: All components are listed or exempt.
SARA hazard category (EPCRA 311/312): Acute health hazard
Chronic health hazard

SARA TITLE III, SECTION 313:

CAS Number: Chemical Name:
None None

State Regulations:

Chemicals known to the State of California to cause cancer, birth defects or other reproductive harm

CAS Number: Chemical Name:
68603-42-9 Coconut oil diethanolamine condensate
111-42-2 Diethanolamine

Section XVI - Other Information

HMIS Rating :

Health	2	0 = Minimum
Flammability	0	1 = Slight
Reactivity	0	2 = Moderate
PPE		3 = Serious
		4 = Severe

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Section XVI - Other Information

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Legend

ACGIH - American Conference of Governmental Hygienists PEL - Permissible Exposure Limit
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
RCRA - Resource Conservation and Recovery Act
DOT - Department of Transportation RTK - Right To Know
DSL - Domestic Substance List SARA - Superfund Amendments and Reauthorization Act
EPA - Environmental Protection Agency STEL - Short Term Exposure Limit
HMIS - Hazardous Materials Information System TLV - Threshold Limit Value
IARC - International Agency for Research on Cancer TSCA - Toxic Substances Control Act
MSHA - Mine Safety Health Administration TWA - Time Weighted Average
NDSL - Non-Domestic Substance List V - Volume
NIOSH - National Institute for Occupational Safety and Health VOC - Volatile Organic Compound
NTP - National Toxicology Program
WHMIS - Workplace Hazardous Materials Information System
OSHA - Occupational Safety and Health Administration

References:

CA: California	NOEC: No observable effect concentration
CAS: Chemical Abstract Services	NTP: National Toxicology Program
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980	OSHA: Occupational Safety and Health Administration
CFR: Code of Federal Regulations	PEL: Permissible exposure limit
DOT: Department of Transportation	PICCS: Philippine Inventory of Chemicals and Chemical Substances
EINECS: European Inventory of Existing Commercial chemical Substances	RCRA: Resource Conservation and Recovery Act
ENCS: Existing and New Chemical Substances	RTECS: Registry of Toxic Effects of Chemical Substances
IARC: International Agency for Research on Cancer	SARA: Superfund Amendments and Reauthorization Act
IBC: Intermediate Bulk Container	STEL: Short Term Exposure Limit
IECSC: Inventory of Existing Chemical Substances	TDG: Canadian Transportation of Dangerous Goods Act & Regulations
IMDG: International Maritime Dangerous Goods	TLV: Threshold Limit Values
Inh: Inhalation	TWA: Time Weighted Average
IOC: Inventory of Chemicals	TSCA: Toxic Substance Control Act
KECI: Korean Existing Chemicals Inventory	WHMIS: Workplace Hazardous Materials Identification System
KECL: Korean Existing Chemicals List	1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2015.
LC: Lethal Concentration	2. International Agency for Research on Cancer Monographs, searched 2015.
LD: Lethal Dose	3. Canadian Centre for Occupational Health and Safety, CCHInfoWeb Databases, 2015 (Chempendium, HSDB, RTECs).
MA: Massachusetts	4. Material Safety Data Sheet from manufacturer.
MN: Minnesota	5. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.
N/Ap: Not Applicable	6. US EPA Title III List of Lists
N/Av: Not Available	6. California Proposition 65 List
NIOSH: National Institute of Occupational Safety and Health	
NJ: New Jersey	

DISCLAIMER

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This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of JBM Inc. and "QC" CONSTRUCTION PRODUCTS QUALITY ARCHITECTURAL CONCRETE.

Before using this product :

Completely read the QC Tech-Data Bulletin
Antiquing Release and the product label.

10.05M

QC Floor Cleaner