



DUJEL 240Z

HMIS		NFPA	Personal protective equipment			
Health	3	3	   			
Fire Hazard	0	0				
Reactivity	0	0				

Version Number: 2

Preparation date: 2005-10-20

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: DUJEL 240Z

MSDS #: MSD00001

Product code: 11651470, 11651100

Recommended use: Acid gel cleaner.

Manufacturer, importer, supplier:
 JohnsonDiversey, Inc. Canadian Headquarters
 3630 E. Kemper Rd. JohnsonDiversey - Canada, Inc.
 Cincinnati, OH 45241 2401 Bristol Circle
 Phone: 1-800-438-2647 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. CORROSIVE TO EYES . CAUSES EYE BURNS . CAUSES SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED.

Principle routes of exposure: Eye contact. Skin contact. Inhalation.

Eye contact: Corrosive. Causes permanent eye damage, including blindness.

Skin contact: Severe skin irritation. Repeated skin exposure can cause sensitization .

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Urea monohydrochloride	506-89-8	10 - 20%	1121 mg/kg (rat)	Not available	Not available
Ethylene glycol	107-21-1	1 - 5%	4700 mg/kg (rat)	9530 mL/kg (rabbit)	200 mg/m ³ (rat)

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion: Do not induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects, Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects .

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, CO2, water spray or "alcohol" foam.

Specific hazards: Not applicable

Unusual hazards: None known

Specific methods: No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.). Contaminated surfaces will be extremely slippery.

Environmental precautions and clean-up methods: Clean-up methods - large spillage. Prevent product from entering drains. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:
Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only in well-ventilated areas. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:
Protect from freezing . Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
No special ventilation requirements. General room ventilation is adequate. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment

Eye protection: Safety goggles.
Hand protection: Chemical resistant gloves Includes neoprene gloves
Skin and body protection: If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: No special requirements under normal use conditions
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient	CAS #	ACGIH	OSHA	Mexico
Ethylene glycol	107-21-1	100 mg/m ³ (Ceiling)		100 mg/m ³ (Ceiling)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Appearance: Aqueous solution
Color: Blue	Boiling point/range: >212 (°F) >100 (°C)
Odor: No information available	Melting point/range: Not determined
Specific gravity: 1.062	pH: 1
Dilution pH: 2.33	Density: No information available.
Bulk density: No information available	Decomposition temperature: Not determined
Vapor density: No information available	Autoignition temperature: No information available
Evaporation rate: No information available	Solubility: Soluble
Solubility in other solvents: No information available	VOC: 0
Viscosity: No information available	Flash point: >200 (°F) >100 (°C)
Partition coefficient (n-octanol/water): No information available	

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerisation does not occur.
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Bases .

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral LD50 estimated to be between 500 - 5000 mg/kg Corrosive
Component Information: See Section 3

Chronic toxicity: Repeated skin exposure can cause sensitization .

Specific effects

Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information:

When used for its intended purpose this product should not cause adverse effects in the environment

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products:**

Undiluted product is regulated under environmental and transportation laws as a corrosive waste . Dispose of according to all federal, state and local applicable regulations .

RCRA Hazard Class: D002**14. TRANSPORT INFORMATION****DOT/TDG:** Please refer to the Bill of Lading/receiving documents for up to date shipping information**15. REGULATORY INFORMATION****International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), China (IECSC).

U.S. Regulations**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65**STATE RIGHT TO KNOW**

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Ethoxylated amine	61791-26-2	-	-	-	-	-	-
Urea monohydrochloride	506-89-8	-	-	-	-	-	-
Ethylene glycol	107-21-1	Listed	Listed	Listed	Listed	Listed	-
Proprietary	TS*	-	-	-	-	-	-

CERCLA / SARA

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Ethylene glycol	107-21-1	1 - 5%	5000		Listed.

Ingredient	CAA HAP	CAA ODS	CWA Priority Pollutants
Ethylene glycol	Listed.		

SARA 311/312 Hazard Categories

Immediate: Y
Delayed: Y
Fire: N
Reactivity: N
Sudden Release of Pressure: N

Canada**WHMIS hazard class:** E Corrosive material .

Ingredient	CAS #	NPRI
Ethylene glycol	107-21-1	Listed

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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