MATERIAL SAFETY DATA SHEET



OLANOF DTU (DEADV TO LICE)

HMIS		NFPA	•	Personal protective	e equipment		
Health	0						
Fire Hazard	0	0	None Required				
Reactivity	0	0	1				
Version Number: 2					Prepar	ation date: 2006-03-13	
		1. PRO	DUCT AND COMPAN	Y IDENTIFICATIO	, N		
Product name:			RTU (READY-TO-USE)				
MSDS #:		1147050	02				
Product code:			02, 114705X, 04705, 04789,	04554			
Recommended use:		Glass Cle					
Manufacturer, importer,	supplier:						
US Headquarters		Can	adian Headquarters				
JohnsonDiversey, Inc.			sonDiversey - Canada, Inc.				
8310 16th St.		2401	Bristol Circle				
Sturtevant, Wisconsin 531	77-0902	Oak	ville, Ontario L6H 6P1				
Phone: 1-888-352-2249		Phor	ne: 1-800-668-3131				
MSDS Internet Address:							
www.johnsondiversey.con	n						
Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)							
			2. HAZARDS IDENTI	FICATION			
EMERGENCY OVERVIEN The product contains no s		which at their give	en concentration, are conside	red to be hazardous to	health.		
Principle routes of expo	sure:	Eve cont	act. Skin contact. Inhalation.	Indestion			
Eye contact:		None kno		geeten			
Skin contact: None known.							
Inhalation:							
Ingestion:		None known.					
		3. COMPC	SITION/INFORMATIO	N ON INGREDIEN	ITS		
	NTO						
HAZARDOUS COMPONE Ingredient(s)	-	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation	
2-butoxyethand		111-76-2	1 - 5%	470 mg/kg (rat)	220 mg/kg (rabbit)	450 ppm (rat)	
			4 FIRST AID MEA	SURES			

Eye contact: Skin contact: Inhalation: Ingestion: Aggravated Medical Conditions: Rinse with plenty of water. Rinse with plenty of water. No specific first aid measures are required. No specific first aid measures are required. None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Specific hazards: Unusual hazards: Specific methods:

Not applicable Not applicable None known 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:

Not relevant for the product itself.

7. HANDLING AND STORAGE

Handling:

Handle in accordance with good industrial hygiene and safety practice. 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.

Personal Protective Equipment

Eye protection: Hand protection: Skin and body protection: Respiratory protection: Hygiene measures: No special requirements under normal use conditions. No special requirements under normal use conditions No special requirements under normal use conditions. No special requirements under normal use conditions. Handle in accordance with good industrial hygiene and safety practice.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin	75 ppm (STEL)
			240 mg/m ³ (TWA)	360 mg/m ³ (STEL)
			50 ppm (TWA)	120 mg/m ³ (TWA)
				26 ppm (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
pH:	10.5
Appearance:	Aqueous solution
Color:	Blue
Odor:	Ammoniacal
Specific gravity:	8.34 lb/gal
Density:	1.0 g/ml
VOC:	1.52
Flash point:	>200 (°F) >93.3 (°C)
Solubility:	Soluble

Bulk density: **Dilution pH:** No information available. Vapor density: No information available Evaporation rate: No information available Boiling point/range: Not determined Melting point/range: Not determined Decomposition temperature: Not determined Autoignition temperature: No information available Viscosity: No information available Partition coefficient (n-octanol/water): No information available Solubility in other solvents: No information available

Elemental Phosphorous: 0.0

10. STABILITY AND REACTIVITY

Stability: Polymerization: Hazardous decomposition products: Materials to avoid: Conditions to avoid:	The product is stable. Hazardous polymerization does not occur. None reasonably foreseeable. None known. None known.		
	11. TOXICOLOGICAL INFORMATION		
Acute toxicityOral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to See Section 3			
Chronic toxicity:	None known		
Specific effects Carcinogenic effects: Mutagenic effects: Reproductive toxicity: Target organ effects:	None known None known None known None known		

12. ECOLOGICAL INFORMATION

Environmental Information:

No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of according to all federal, state and local applicable regulations

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), Australia (AICS), Korea (ECL), Philippines (PICCS), 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(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Ammonium hydroxide	1336-21-6	Х	Х	-	-
Water	7732-18-5	-	-	-	-
2-butoxyethanol	111-76-2	Х	Х	Х	Х

CERCLA / SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Ammonium hydroxide	1336-21-6	0.1 - 1.5%	1000		
2-butoxyethanol	111-76-2	1 - 5%			Х

Ingredient	(s)	САА НАР	CAA ODS	CWA Priority Pollutants
2-butoxyeth	anol	Х		

Canada

WHMIS hazard class: Non-controlled.

Ingredient(s)	CAS #	NPRI
2-butoxyethanol	111-76-2	Х

16. OTHER INFORMATION

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

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