COSHH ASSESSMENT PROCHEM URINE & ODOUR NEUTRALIZER

STEP 1 – ASSESSMENT DETAILS

Hazard Control Ref:	CCG-027	Supplier:	
Issue Number:	03	Prochem Europe Ltd Oakcroft Road Chessington Surrey KT9 1RH	
Date Completed:	13 June 2024		
Employee Participation and Inv.	Lisa Carbino		
Re-Assessment Due*:	Two years from above date.		
Assessment Completed By:	Health & Safety Manager	Emergency Telephone Number:	
		020 8974 1515	

STEP 2– HAZARDS

Explosive	Highly Flammable	Oxidising	Corrosive	Toxic	Dangerous for the Environment	Harmful/Irritant	Serious Longer Term Health Hazards	Contains Gas under Pressure
						✓		

STEP 3 – PRODUCT SUMMARY

Product: Name:	Urine Neutraliser	Is There a Maximum Exposure Limit (MEL) or Occupation Exposure Limits (OEL):	Heptan-2-one Long-term exposure limit (8-hour TWA): WEL 50 ppm 237 mg/m³ Short-term exposure limit (15-minute): WEL 100 ppm 475 mg/m³
Container Size:	5 LITRES	Is There a Safer Alternative?	No
Physical Properties:	Clear Liquid with Lemon odour	Emergency Fire Procedures:	This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials
Product Use:	deodoriser and rinse agent.	Typical Duration of Use:	30min to 1 hour
Hazard Classification:	Not hazardous	Typical Method of Use:	As per manufacturer's instructions.

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Storage:	Store in closed original container at temperatures between 5°C and 30°C. Keep in cool, dry, ventilated storage and closed containers. Keep in original container. Away from direct sunlight.	Dilution Ration:	WARNING! DO NOT USE TOGETHER WITH OTHER PRODUCTS. MAY RELEASE DANGEROUS GASES.
Spillage/Accidental Release:	Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Wash away remainder with plenty of water. Personal protection: P2 filter respirator for harmful particles.	Additional information:	pH Concentrate: 3.5 pH Diluted: 4.0 Keep Separated from strong bases and oxidants.

STEP 4 – TOXOCOLOGICAL INFORMATION

EYES:	None	INGESTION:	Product is acidic and may be mildly corrosive to mucous membranes. Ingestion may cause: irritation nausea
SKIN:	Prolonged or repeated exposure may cause the following adverse effects: skin irritation and dermatitis.	INHALATION:	None

STEP 5 – RISK ASSESSMENT (likelihood X Severity = Risk)

CATEGORY	HAZARD	POTENTIAL HARM	likelihood	Severity	Risk before Measures	Risk After Measures	COMMENTS
STORAGE	Spontaneous ignition (reaction with other materials) explosion and fire	Gas and vapors release, intoxication, damage respiratory system, burns,	4	3	12	9	Safety Induction training and awarness on oxidizing liquids and solids Staff instructed to follow HSG51 guidance from HSE. And DSEAR 2002 REGULATIONS Competent suppervision Reporting and monitoring in place
HANDLING	PROLONGED CONTACT spillage	reversible redness effect on living tissue	4	2	8	6	WEAR GLOVES

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DURING USE	Contact, poor ventilation	skin contact (irritant), no corrosive Prolong exposure may result in skin redness	4	2	8	6	WASH IMMEDIATELY. WEAR GOGGLES & USE IN WELL-VENTILATED AREA

OVERALL RISK RATING BEFORE CONTROL: 10	Low	Medium	High	COMMENTS
		✓		
OVERALL RISK RATING AFTER CONTROL: 7.5	Low	Medium	High	
	✓			

LIKELIHOOD	SEVERITY	INTERPRETATION
1. IMPROBABLE OCCURRENCE 2. REMOTED OCCURRENCE 3. REASONABLY PROBABLE OCCURRENCE 4. VERY LIKELY OCCURRENCE 5. ALMOST CERTAIN OCCURRENCE	1. SLIGHT: NO INJURY or Injury requiring first Aid treatment 2. MINOR: INJURY requiring medical treatment with absence from 3 days to 3 weeks 3. MODERATE: Injury illnes resulting in temporary disibility (eg. fractures) and absence over 3 weeks 4. SERIOUS: Severe injury or permanent disibility (e.g loss of limb, sight) property and equipment damage 5. MAJOR: Immidiate danger exist, capable of causing death, loss or damage on a wide scale and serious business disruption (e.g. Explosion, fire, structural damage, etc.)	5 and below Low risk = No further action, but ensure controls are maintained an review 6 to 8 Low to Medium risk = Risk Can be tolerated or for only short term. Plan and introduction of meassures with a define time period 9 to 12 Medium Risk = Planned and introduce further control measures to mitigate the risk within a time scale 15 to 16 High Risk = Activities should cease immediately until further control take immediate measures to mitigate the risk 20 to 25 STOP = Stop activity and immediate action

STEP 6 – ADDITIONAL RISK FACTORS

New or Un-Trained Employees	Pregnant Women	Visitors/Contractors/ Members of The Public	Slip Hazards	Unsafe Handling/Storage
✓	✓	✓		✓

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STEP 7 – PERSONAL PROTECTIVE EQUIPMENT (PPE) to be used

Personal Protective Equipment to be used										
Apron	Face Visor	Goggles	Ear Defenders	Safety Wellingtons	Safety Boots	Overall	Fume/Vapour Mask	Dust Mask	Rubber Gloves	Protective Gloves
		✓					✓		✓	

STEP 8 – PROCEDURES TO BE CARRIED OUT BEFORE STARTING TASK

Read C.O.S.H.H. Assessment	Dilute Chemicals to Manufactures Instructions	Trained Employees with Appropriate PPE Only to Use This Product.	Place Warning Signs at Access/Egress Point
✓	✓	✓	✓

STEP 9 – EMERGENCY, FIRST AID & DISPOSAL MEASURES

EYES:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately!	INGESTION:	Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). Do not give victim anything to drink if they are unconscious. Get medical attention..
SKIN:	Wash skin with soap and water. Get medical attention if irritation persists after washing	INHALATION:	Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

DISPOSAL ARRANGEMENTS:
Observe safe handling precautions and local legislation.

STEP 10 – HEALTH SURVELLAINCE & MONITORING

Details/results of health surveillance:	Not applicable
Details/results of monitoring of exposure:	Not applicable
Arrangements for monitoring compliance (including maintenance of control measures):	• Ongoing training • Tool-box-talks • Presentations (via tablets on-site or DVD at offices) • Quality & Health/Safety site inspections • Auditing process • Management monitoring

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STEP 11 – ASSESSMENT FOLLOW UP & REVIEW

Following this assessment:	Review of assessment:
Employees/workers must have been informed of: • The names of substances they may be exposed to; • The risks to health created by exposure; • Any relevant occupational exposure standard, maximum exposure limit or similar self-imposed (in-house) work standard that applies to the substance; • Any information contained on any Safety Data Sheet which relates to the substance; • The significant findings of this assessment; • What precautions to take to protect themselves and others; • The results of any health surveillance; and • The results of any monitoring of exposure.	This assessment must be reviewed/updated : • As part of planned review • If alternative cleaning product/substances are used • If alternative methods or processes are used • Upon client request • Changes to the COSHH, and other relevant, regulations • After consultation with workers or other interested parties • After an accident, incident, near miss or dangerous occurrence

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