



PRODUCT DATA SHEET

PRODUCT: U-29

Company Details

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INDUSTRIAL GENERAL PURPOSE CLEANER

AREA OF APPLICATION:

U-29 is an alkaline fluorescent yellow foaming liquid containing solvents, grease cutters, emulsifiers and penetrants for efficient oil and grease removal for use in the food processing industry.

U-29, being an extremely versatile product, can be used safely on most surfaces for removing a wide variety of soils, such as:

- Greasy floors and surfaces in food processing plants, specifically acid resistant tiles.
- Kitchens for cleaning stoves, tiles, working surfaces, sinks, etc.

BENEFITS:

- U-29 can be mixed with water for lowest usage costs and efficiency.
- Economical – concentrated formula.
- Free rinsing.
- High foaming.
- Easily dispersed into foam, high pressure and steam cleaning equipment.
- High solvency.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	:	Fluorescent Yellow
Odour	:	Butyl Oxitol
S.G.	:	1.01 kg/l
pH	:	>13
Stability	:	Stable to continued freeze/thaw cycles.

ENVIRONMENTAL IMPACT

Very toxic to aquatic life with long lasting effects. Avoid release to the environment. Do not allow into sewer systems. Collect spillage. Dispose of contents and container to a licensed hazardous waste disposal contractor according to local legislation.



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RECOMMENDED METHOD OF APPLICATION:

NOTE: U-29 contains free alkalinity; care should be taken on painted surfaces. Aluminum surfaces may become dull after continued cleaning with U-29.

U-29 can be applied by high pressure foamers and steam cleaning equipment, or simply by hand with the aid of a cloth, mop or brush.

FOR GENERAL PURPOSE CLEANING AND DEGREASING

- Dilutions: Lower Limit: 1% Upper Limit: 2%
- U-29 can be diluted 10-20mls per liter (1-2 %) preferably with water (approximately 50°C) depending on the severity of soil to be removed.
- Rinse from food contact surface after use.

PREPARATION TABLE – APPLICATION RATE AT 300mls / m²:

Dilution:	Preparation:
1:100	10ml product in 1 litre of water; 2 litres in 200 litres of water
1:200	5ml product in 1 litre of water; 1 litre in 200 litres of water
1:500	2ml product in 1 litre of water; 400ml in 200 litres of water

SAFETY PRECAUTIONS AND FIRST AID:

FIRST AID		
IF IN EYES	-Hold eye open and rinse slowly and gently with water for 15-20 minutes.	-Remove contact lenses, if still present after 5 minutes then continue rinsing. - Call a doctor for treatment advice
IF ON SKIN	-Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15 – 20 minutes	-Call a doctor for treatment advice
IF SWALLOWED	-Call a doctor immediately for treatment advice. -Have person sip water if able to swallow. -Rinse mouth with water.	-Do not induce vomiting unless told to do so by the doctor. -Do not give anything to an unconscious person.
IF INHALED	-Move person to fresh air. -If person is not breathing, Call an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible	-Call a doctor for treatment advice.
NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage. Have product container or label with you when calling the doctor or going for medical treatment.		



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PACKAGING:

U-29 is packed in 25 litre UN approved, non-removable head, HDPE plastic jerry cans, square 1200 – 1300g fitted with screw cap and rubber gasket (torque 20Nm). The packaging meets Packing Group II and III tests. Each drum can handle any product with a specific gravity less than 1.8 and allow an internal test pressure of 100kPa.

STORAGE:

Store in a tightly closed container in a well – ventilated chemical storage facility between 10 C AND 25 C, away from sensitive environs, foodstuffs and children. Keep under lock and key.

Keep out of direct sunlight. Prolonged exposure to high temperatures will have a detrimental effect on the product. Shelf - life 24 months from date of manufacture.

