

Material/Process
DESCALING LIQUID



Health Hazards
Causes severe skin burns and eye damage
Ingestion may be fatal if not treated promptly



HIGH HAZARD
LIQUID

Supplier GREYLAND LTD..
Keyword Descaler (Acid)

Contents
Orthophosphoric acid: 30 - 50%

Signal Word Danger
Exp Limit Orthophosphoric acid 1mg/m3 8hTWA 2mg/m3 15mSTEL

Method	Pouring	Area	Inside Poorly Ventilated	Exposure	Up to 1/2 hour per shift
MEDIUM ACUTE RISK - FULL EXPOSURE			MEDIUM CHRONIC RISK - FULL EXPOSURE		

Spillage
Mark the area and warn all personnel
Ventilate area
Wear polythene or nitrile gloves
Suitable eye protection must be worn
Wear respiratory protection if spill is in a poorly ventilated space
Wear respiratory protection if whole container is spilt
Wear protective overalls & chemical proof footwear
Absorb in sand or inert absorbent material
Small spills - wipe up with cloth
Collect into a container, close lid

Control Measures
MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY MEDIUM CHRONIC RISK

IMPERVIOUS OVERALLS	POLYTHENE OR NITRILE	BS EN166 GRADE 3		WASH AFTER EXPOSURE	IF SOILED
OR STORE WITH ALKALI	CLOSE ALL CONTAINERS	CORROSIVE			

First Aid
Ensure access to emergency shower/eyewash station in case of accident or emergency
Inhalation - remove to fresh air; get immediate medical attention after significant exposure or if feeling ill
Ingestion - do not induce vomiting, wash out mouth with water
Ingestion - give plenty of water in sips, obtain immediate medical attention
Eye contact - irrigate using eyewash & get immediate medical attention
Skin - remove contaminated clothing. In case of burns immerse affected area in water. Get prompt medical attention

Fire
Isolated small scale fire:
Water - carbon dioxide - powder - foam - inert material
Large fire: evacuate area, call fire brigade or follow site procedure
Wear self-contained breathing apparatus and protective clothing

Activity Comments

Date Printed 14/06/2023



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Considerations



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