

IDENTIFICATION

PRODUCT NAME: SIMPLOT SURFACID**OTHER NAMES: CORROSIVE LIQUID, N.O.S.
(CONTAINS SULPHURIC ACID)****UN NUMBER: 1760
D.G. CLASS: 8
SUBSIDIARY RISK: NONE
HAZCHEM CODE: 2X
PACKAGING GROUP: II
POISONS SCHEDULE: 6****HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.****RECOMMENDED USE:****PRODUCT DESCRIPTION / PROPERTIES**

APPEARANCE:	Clear, colourless liquid.
BOILING POINT:	No information available.
VAPOUR PRESSURE:	<0.001mm Hg
PERCENT VOLATILES:	No information available.
SPECIFIC GRAVITY / BULK DENSITY:	1.52
FLASH POINT:	No information available.
FLAMMABILITY LIMITS:	No information available.
AUTOIGNITION TEMPERATURE:	No information available.
PH (NEAT):	<1
SHELF LIFE:	2 years.

INGREDIENTS:

	CAS No.	Range (w/w)
SULFURIC ACID	[7664-93-9]	30 - 60%
Blend Non-Ionic Surfactants		10-30%
Other ingredients not considered hazardous by Worksafe Australia.	to	100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

SWALLOWED:	Highly corrosive - causes burns upon ingestion.
EYE:	Corrosive to eyes. May cause severe and permanent damage.
SKIN:	Causes burns upon skin contact.
INHALED:	Mist and vapours are corrosive and dangerous. May irritate or cause tissue damage to respiratory system. Chronic exposure to strong inorganic acid mists containing sulfuric acid may cause cancer*.

FIRST AID

SWALLOWED:	If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do NOT induce vomiting. Give a glass of water.
EYE:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
SKIN:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
INHALED:	Remove from source of vapour to fresh air. Seek medical assistance if effects persist.
ADVICE TO DOCTOR:	Treat symptomatically.

Emergency Telephone Number: 03 9587 4993
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PRECAUTIONS FOR USE

EXPOSURE LIMITS:	T.W.A. for Sulphuric Acid = 1 mg/m ³ S.T.E.L. for Sulphuric Acid = 3 mg/m ³
VENTILATION:	Ensure ventilation is adequate to maintain air concentrations below exposure standards and as low as is reasonably practicable. While good natural ventilation may be adequate in most cases, local exhaust ventilation may be required.
PERSONAL PROTECTION:	Protective equipment must be worn: PVC gloves, waterproof apron, safety boots and a full-face shield. Avoid breathing dust or vapours. Where ventilation is not adequate, respiratory protection is required. Any chemical cartridge or powered, air-purifying respirator with a full-face piece and acid cartridge(s) in combination with a high-efficiency particulate filter.
FLAMMABILITY:	The product poses no flammability hazard.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:	Store away from foodstuffs. The product is a corrosive liquid - Class 8 (Transportation of Dangerous Goods Code).
SPILLS AND DISPOSAL:	Dyke and neutralise with Soda Ash or Slaked Lime. Absorb with dry earth, sand or a similar material, shovel up and dispose of in an area approved by local authority by-laws. Small spillages may be safely mopped up or flushed to drain, if permitted. Incineration of disposed material is not recommended, as it is unlikely to adequately burn.
FIRE / EXPLOSION HAZARD:	In a fire, overheated drums may rupture but the product will not burn until the water boils off. Fire fighters should wear self-contained breathing apparatus to minimise risk of exposure to vapour or products of combustion. Extinguish fires with water spray, foam, carbon dioxide or dry chemical powder.
OTHER INFORMATION:	The product is fully soluble in water. It is a strong acid; use good industrial hygiene. Corrosive to clothing and most common metals. * INT AGENCY FOR RESEARCH INTO CANCER - 1992

KEEP OUT OF REACH OF CHILDREN

The information contained in this MSDS is specific to the product when handled and used neat. This product when diluted may be classified as non-hazardous and may not require the same control measures as the neat product. Check with your technical representative if in doubt.

CONTACT POINTS:	Customer Service	0419 023 110
	Emergency Contact	0419 023 110
	Australian Poisons Info Centre	13 11 26

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