

MATERIAL SAFETY DATA SHEET

Issue Date: 01/04/03

TASMAN CHEMICALS PTY LTD

1-7 BELL GROVE, BRAESIDE, VICTORIA 3195 AUSTRALIA

PHONE: +61-3-9587 6777 FAX: +61-3-9587 5255 EMAIL: taschem@taschem.com.au WEBSITE: www.tasmanchemicals.com.au
EMERGENCY TELEPHONE NUMBER: 1 800 334 556

I. IDENTIFICATION

PRODUCT NAME:	ALUKLEEN	UN NUMBER:	1805
SYNONYMS:		HAZCHEM CODE:	2R
D.G. CLASS:	8	POISON SCHEDULE:	6
INTENDED USE:	MAG WHEEL CLEANER	PACKAGING GROUP:	III
STATEMENT OF HAZARDOUS NATURE:	Hazardous according to criteria of Worksafe Australia		

Physical Description/Properties

APPEARANCE:	CLEAR	FLASH POINT 0C	NOT APPLICABLE
VAPOUR PRESSURE (mm Hg):	NONE ASSIGNED	SPECIFIC GRAVITY:	1.30
FLAMMABILITY LIMITS (%):	NONE ASSIGNED	SOLUBILITY IN WATER:	COMPLETE
BOILING POINT:	100°C		

Hazardous Ingredient

CHEMICAL ENTITY

<u>CHEMICAL ENTITY</u>	<u>CAS NO</u>	<u>PROPORTION</u>
HYDROFLUORIC ACID	7664-39-3	L
PHOSPHORIC ACID	7664-38-2	M
NON IONIC SURFACTANT	9016-45-9	M

II. HEALTH HAZARD INFORMATION

H>60% M=10-60% L=<10%

Routes of Exposure:

SWALLOWED:	SEVERE BLEEDING & PERFORATION OF DIGESTIVE TRACT
EYE:	CORROSIVE BURNS TO CORNEA
SKIN:	CORROSIVE BURNS
INHALED:	INITIAL RESP. IRRITATION-BREATHING DIFFICULTIES

Emergency and First Aid Procedures:

SWALLOWED:	IF SWALLOWED DO NOT INDUCE VOMITING GIVE MILK OR WATER
EYE:	FLOOD WITH COPIOUS QUANTITIES OF COOL WATER FOR 15 MINUTES. SEEK MED. ATTENTION
SKIN:	REMOVE CONTAMINATED CLOTHING. FLUSH W/- WATER FOR 15 MINUTES. SEEK MED. ATTENTION
INHALED:	MOVE PATIENT TO FRESH AIR. IF BREATHLESSNESS/VOMITING OCCUR SEEK MED. ATTENTION

Advice to Doctor: TREAT SYMPTOMATICALLY

III. PRECAUTIONS FOR USE

EXPOSURE LIMITS: THRESHOLD LIMIT VALUES (PHOSPHORIC ACID)
TIME WEIGHTED AVERAGE (TLV) = 1 MG/M3
SHORT-TERM EXPOSURE LIMIT (STEL) = 3 MG/M3
PERMISSABLE EXPOSURE LIMIT (PEL) = 1 MG/M3

VENTILATION: USE IN A NATURALLY WELL VENTILATED AREA. PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION WHERE MISTING CAN OCCUR.

Protective Equipment:

PERSONAL PROTECTION: RESPIRATORY PROTECTION IS NOT REQUIRED FOR NORMAL WORK PROCEDURES. IF MISTING OCCURS, USE AN APPROPRIATE RESPIRATOR, A FULL FACEPIECE OR A HALF MASK AIR-PURIFYING CARTRIDGE RESPIRATOR EQUIPPED FOR ACID GASES/MISTS. WEAR RUBBER GLOVES WITH GAUNTLETS. WEAR CHEMICAL SAFETY GOGGLES. WEAR ACID-RESISTANT PROTECTIVE CLOTHING WITH RUBBER BOOTS. AN EYEWASH AND/OR SAFETY SHOWER SHOULD BE NEARBY AND READY FOR USE.

IV. SAFE HANDLING INFORMATION

STORAGE & TRANSPORT: STORE IN A DRY, COOL ENVIRONMENT. RESEAL CONTAINER WHEN NOT IN USE. STORE AWAY FROM ALKALIS & CHLORINE COMPOUNDS

SPILLS & DISPOSAL: NEUTRALISE WITH ALKALI EG. DILUTE SODIUM HYDROXIDE, SODIUM CARBONATE, DILUTE POTASSIUM HYDROXIDE. THEN FLOOD WITH WATER BEFORE DISCHARGING TO SEWER.

FIRE EXPLOSION HAZARD: MATERIAL IS NON FLAMMABLE

EXTINGUISHING MEDIA: WATER, FOAM, CO₂

SPECIAL FIRE FIGHTING PROCEDURES: NONE REQUIRED

UNUSUAL FIRE & EXPLOSION HAZARD: LITTLE OR NO CHANCE OF AN EXPLOSION FROM THIS PRODUCT IF INVOLVED IN A FIRE

HAZARDOUS DECOMPOSITION PRODUCTS: TOXIC GASES AND VAPOURS (PHOSPHORIC ACID FUMES) MAY BE RELEASED.

OTHER INFORMATION:

PREPARED BY: BERNIE MORCOM
TECHNICAL MANAGER

This Material Safety Data Sheet supercedes all previous issues for this product. Information contained herein is offered in good faith as being true and accurate to the best of our knowledge, but as conditions of use are beyond our control, no guarantees are either stated or implied.

Where health or safety data given discloses a risk to the user or to the environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used including good industrial hygiene.