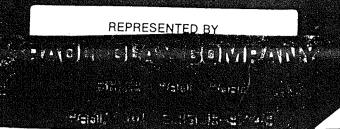


Product Safety Data

Alcan Alumina Hydrate H-10



I PROI	орст	DENT	TIFICATION			
MANUFACTURER'S Alcan Smelters NAME and Chemicals Ltd		REGULAR TELEPHONE 418/548-1121, local 3333 EMERGENCY TELEPHONE 418/548-4125				
ADDRESS P.O. Box 6090, N	fontreal, (Canada H	H3C 3H2			
TRADE NAME Alcan Alumina h	ydrate H-l	0				
SYNONYMS Hydrated alumina	a, aluminu	m hydrox	kide, alumina, Al ₂ O ₃ . 3H ₂ O .			
II HAZ	ARDOU	s I N	GREDIENTS			
MATERIAL OR COMPONENT		7,	HAZARD DATA			
Al ₂ O ₃ . 3H ₂ O		99.	Inert, no hazard			
Na ₂ 0		0.	No hazard at this level			
Fe ₂ O ₃		0.0	No hazard at this level			
SiO,		0.0	No hazard at this level			
III	рну:	SICA	L DATA			
BOILING POINT 760 MM HG	N/A		MELTING POINT 2050°C			
SPECIFIC GRAVITY (H ₂ O = 1)	2.4		VAPOUR PRESSURE N/A			
VAPOUR DENSITY (AIR = 1)	N/A		SOLUBILITY IN H ₂ O Insoluble			
% VOLATILES BY VOL.	N/A		EVAPORATION RATE N/A			
APPEARANCE AND ODOUR	Cream-coloured, free flowing powder. No odour.					

FLASH POINT (TEST METHOD)	N/A	i	GNITION RATURE	N/A		
FLAMMABLE LIMITS IN AIR	BY VOL.	LOWER	UP	PER		
EXTINGUISHING MEDIA	Not a fire hazard					
SPECIAL FIRE FIGHTING PROCEDURES	N/A					
UNUSUAL FIRE AND EXPLOSION HAZARD						
V HEA	LTH HAZA	ARD INFO	ORMATIO	N		
HEALTH HAZARD DATA	An inert, non-toxic nuisance dust					
ROUTES OF EXPOSURE						
INHALATION	TLV is 10 mg/	m ³ in air as a	ı nuisance du	st		
SKIN CONTACT	No effect					
SKIN ABSORPTION	N/A		,			
EYE CONTACT	Inert irritant					
INGESTION	Non-toxic					
FFECTS OF OVEREXPOSURE						
ACUTE OVEREXPOSURE	Respiratory irritation					
CHRONIC OVEREXPOSURE	No proven effect					
MERGENCY AND FIRST AID PR	OCEDURES			The state of the s		
EYES	Irrigate freely					
SKIN	N/A					
INHALATION	Remove from exposure					
INGESTION	No measurable		1 - 1:			

VI REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY
None

INCOMPATIBILITY Vigorous exothermic reaction with strong acids Dissolves in caustic solution (NaOH)

HAZARDOUS DECOMPOSITION PRODUCTS
None

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION
None

VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear eye protection if dust is raised in clean-up

Keep away from strong acids and bases

NEUTRALIZING CHEMICALS N/A

WASTE DISPOSAL METHOD

No special procedures

VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Supply sufficient ventilation to keep dust exposure below the TLV of 10 $\,\mathrm{mg/m^3}$ for nuisance dust

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (SPECIFY IN DETAIL)

Use NIOSH-approved dust respirator

EYE Goggles

GLOVES Not required

OTHER CLOTHING AND EQUIPMENT

None

IX SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS

None

OTHER HANDLING AND STORAGE REQUIREMENTS

Store away from strong acids and bases.

PREPARED BY W. L. MacEachen

Chief Industrial Hygienist

ADDRESS

Alcan Smelters and Chemicals Ltd

P.O. Box 6090, Montreal, Canada H3C 3H2

DATE 3 September 1980