

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: A EXCELL
Product Use: Acid Cleaner
WHMIS Class: Class D - Division 2B
T.D.G. Classification: Not regulated

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Manufacturer/Supplier Name and Address:
CFR Division of Tacony Corporation
3101 Wichita Court
Fort Worth, TX 76140-1710
(800) 880-2913 ext. 150

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS#	Wt%	ACGIH-TLV	LC ₅₀	LD ₅₀
Benzenesulfonic acid, decyl (sulfophenoxy) disodium salt	36445-71-3	1 - 5	Not available	Not available	Not available
Sodium octyl sulfate	142-31-4	1 - 5	5 mg/m ³ TWA	Not available	3200 mg/kg oral, rat

SECTION III - PHYSICAL DATA

Boiling Point (deg C): 100
Vapour Pressure (mm Hg): Not available
Vapour Density (Air = 1): Not available
Solubility in Water: Soluble
Physical State: Liquid
Appearance and Odour: Straw coloured; citrus fragrance

Specific Gravity (H₂O = 1): 1.051 - 1.060
% Volatile (Wt %): Not available
Evaporation Rate (Ether = 1): Not available
pH (as supplied): 5.3 - 5.6
Viscosity: Not available
Odour Threshold (ppm): Not available

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS criteria.
Flash Point (deg C, TCC): None **LEL:** Not applicable **UEL:** Not applicable
Autoignition Temperature (deg C): Not available
Hazardous Combustion Products: May include and are not limited to oxides of carbon, oxides of nitrogen, oxides of sulphur.
Means of Extinction: Treat for surrounding material.
Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable
Incompatible Materials: Strong oxidizing agents, acids.
Conditions of Reactivity: Not available.
Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxides of nitrogen, oxides of sulphur when heated to decomposition.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: May cause irritation.

Skin: May cause irritation.

Inhalation: May cause respiratory tract irritation.

Ingestion: May cause stomach distress, nausea or vomiting.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Irritancy: Hazardous by WHMIS criteria.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

Synergistic Materials: Not available.

SECTION VII- PREVENTATIVE MEASURES

Gloves: Rubber gloves. Confirm with a reputable supplier first.

Eye Protection: Safety glasses.

Respiratory Protection: Not normally required if good ventilation is maintained.

Other Protective Equipment: As required by employer code.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial, and local government requirements prior to disposal.

Storage and Handling Requirements: Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION VIII - FIRST AID

Eye: Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

SECTION IX - PREPARATION INFORMATION

Date: December 31, 2000

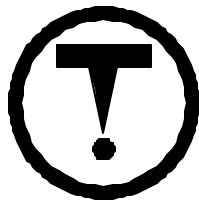
MSDS Prepared by: Dell Tech Laboratories Ltd.

Telephone: 1-519-858-5021

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).

A EXCELL



Eye and skin irritant.

Avoid contact with eyes and skin. Wear rubber gloves, safety glasses.
Keep out of reach of children.

Eye: Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

READ MATERIAL SAFETY DATA SHEET BEFORE USING PRODUCT

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Irritant pour les yeux et la peau.

Éviter le contact avec les yeux et la peau. Porter des gants en caoutchouc, des lunettes de protection.
Garder hors de la portée des enfants.

Yeux: Rincer immédiatement à grande eau froide. Enlever les verres de contact, le cas échéant, et continuer à rincer. Obtenir de l'attention médicale si l'irritation persiste.

Peau: Rincer à grande eau froide. Laver à l'eau et au savon. Obtenir de l'attention médicale si l'irritation persiste.

Inhalation: En cas de symptômes, placer la victime à l'air frais. Si les symptômes persistent, obtenir de l'attention médicale.

Ingestion: Ne pas tenter de faire vomir. Rincer la bouche à grande eau, puis boire un ou deux verres d'eau. Obtenir de l'attention médicale. Ne jamais rien faire boire ou avaler à une victime inconsciente, en train de perdre rapidement connaissance ou si la victime a des convulsions.

LIRE LA FICHE SIGNALÉTIQUE AVANT D'UTILISER CE PRODUIT

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Irritante de los ojos y la piel.

Evitar el contacto con los ojos y la piel. Usar guantes de goma, anteojos de seguridad.
Mantener fuera del alcance de niños.

Ojos: Enjuagar inmediatamente con agua fría. Sacarse los lentes de contacto, si es el caso, y continuar enjuagando. Obtener asistencia médica si la irritación persiste.

Piel: Enjuagar con agua fría. Enjuagar con agua y jabón. Obtener asistencia médica si la irritación persiste.

Inhalación: En caso de síntomas, mover a la víctima a un lugar con aire fresco. Si los síntomas persisten, obtener asistencia médica.

Ingestión: No inducir el vómito. Enjuagar la boca con agua, después tomar uno o dos vasos de agua. Obtener asistencia médica. No dar nada por boca si la víctima está inconsciente, si está perdiendo conciencia rápidamente, o si tiene convulsiones.

LEER LA FICHA DESCRIPTIVA ANTES DE UTILISAR EL PRODUCTO

CFR Division of Tacony Corporation