Safety Data Sheet (SDS)

Date: Apr. 12, 19

Product: TARGET
Code: 3250 to 3259

1. Identification

PRODUCT NAME:	Target Floor Finish Stripper	**PRODUCT CODE:**	3250 to 3259
USE:	Heavy duty stripper for removal of floor finishes.	**RESTRICTIONS:**	All other uses than those indicated on the product label and technical data sheet.
MANUFACTURER:	Allspar Solutions Inc. 150 Connie Crescent, Unit 12 Concord, ON L4K 1L9 (905) 760-1964	**SUPPLIER:**	BAY CITY SANITATION 189 Brock Street Barrie, ON. L4N 2M3 Phone: (705) 728-4332 Fax: (705) 728-4335
EMERGENCY TELEPHONE NUMBER: CANUTEC - (613) 996-6666			

2. Hazard Identification

HAZARD CLASSIFICATION:	GHS05
LABEL ELEMENTS:	
SYMBOL:	
SIGNAL WORD:	Danger
HAZARD STATEMENT:	H290: May be corrosive to metals H315: Causes skin irritation H319: Causes serious eye irritation.
PRECAUTIONARY STATEMENT:	P260 Do not breathe dust, fume, gas, mist, vapours or spray. P280 Wear protective gloves and eye or face protection. P264 Wash thoroughly after handling. P303+P361+P353 IF ON SKIN OR HAIR: Remove or take off immediately all contaminated clothing. Rinse skin with water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P363 Wash contaminated clothing before reuse. P390 Absorb spillage to prevent material damage. P301+P330+P331+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or a doctor. P405 Store locked up. P406 Store in corrosive resistant container or a container with a corrosion resistant inner liner. P501 Dispose of contents and container in accordance with local, regional and national regulations.

OTHER HAZARDS:	None.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	COMMON NAME	CAS REGISTRY	CONCENTRATION
2-butoxyethanol	Butyl	111-76-2	15 - 40 %
Monoethanolamine	MEA	141-43-5	7 - 13 %
For production reasons a range is given. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section NOTE: Confidential business information rules can apply.			

4. FIRST-AID MEASURES

FIRST-AID MEASURES BY ROUTE OF EXPOSURE:	
INHALATION:	If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Immediately obtain medical aid if cough or other symptoms appear.
SKIN CONTACT:	Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. Seek urgent medical assistance.
EYE CONTACT:	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical assistance.
INGESTION:	Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce vomiting. If vomiting occurs, give further water to achieve effective dilution and lean the victim forward to reduce risk of aspiration. Seek immediate medical assistance.
MOST IMPORTANT SYMPTOMS AND EFFECTS (ACUTE OR DELAYED):	Treat symptomatically as for strong alkalis. Burns are not immediately painful, onset of pain may be minutes to hours.
IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NECESSARY:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	CO2, sand, extinguishing powder for surrounding fire.
UNSUITABLE EXTINGUISHING MEDIA:	NAV
SPECIFIC HAZARDS ARISING FROM THE HAZARDOUS PRODUCT:	In case of accidental fire and extreme heat conditions, the following gaseous products can be released after water evaporation: hydrocarbons, carbon monoxides and dioxides (COx) and nitrogen dioxide (NOx).
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:	No special measures required

ADDITIONAL INFORMATION:	This product is not flammable

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:	Wear recommended protective equipment(s). Keep unprotected persons away.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:	SMALL SPILL: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up. Alternatively absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. LARGE SPILL: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). The spilled material may be neutralized vinegar or citric acid. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids and oxidizers. Empty containers retain product residue and can be hazardous. Do not reuse container. When diluting or preparing solution, add caustic to water slowly in small amounts to avoid boiling and splattering. Never use hot water!
CONDITIONS FOR SAFE STORAGE INCLUDING INCOMPATIBLE MATERIAL:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Corrosive to aluminum, tin, copper and zinc. Corrosive to steel at elevated temperatures

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS, INCLUDING OCCUPATIONAL EXPOSURE GUIDELINES OR BIOLOGICAL EXPOSURE LIMITS AND THE SOURCE OF THOSE VALUES:	
APPROPRIATE ENGINEERING CONTROLS:	In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.
INDIVIDUAL PROTECTION MEASURES (E.G. PERSONAL PROTECTIVE EQUIPMENT):	Avoid contact with the eyes and skin. Do not breathe dust, fume, gas, mist, vapours or spray. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Keep away from foodstuffs, beverages and feed. **Breathing equipment:** Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection. **Protection of hands:** Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance. Avoid skin contact when removing gloves from hands, do not touch the gloves outer surface. Dispose of gloves as hazardous waste. **Eye protection:** The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336 **Body protection:** Clean clothing or protective clothing should be worn, preferably with and apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Red Liquid	**PH**	13.0 (+/- 0.5)
ODOUR	Solvent	**ODOUR THRESHOLD**	NAV
MELTING POINT	NAV	**FREEZING POINT**	~ 0^{o}C
INITIAL BOILING POINT	~ 100^{o}C	**FLASH POINT**	NAP
EVAPORATION RATE	NAV	**FLAMMABILITY**	NAP
LOWER FLAMMABLE LIMIT	NAP	**UPPER FLAMMABLE LIMIT**	NAP
VAPOUR PRESSURE	NAV	**VAPOUR DENSITY**	NAV
RELATIVE DENSITY	1.20	**SOLUBILITY**	Complete in water
PARTITION COEFFICIENT	NAV	**AUTO-IGNITION**	NAP

		TEMPERATURE	
DECOMPOSITION TEMPERATURE	NAV	**VISCOSITY**	1500 cps

10. STABILITY AND REACTIVITY

REACTIVITY:	No specific test data related to reactivity available for this product or its ingredients.
CHEMICAL STABILITY:	The product is stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	Contact with water, acids, flammable liquids, and organic halogen compounds (i.e. trichloroethylene) may risk of explosion or violent reaction, yielding heat and pressure which can burst an enclosed container. Contact with nitro compounds (i.e. nitromethane) can cause formation of shock sensitive salts. Contact with metals (i.e. aluminium, zinc, copper, magenisum, etc.), may produce formation of flammabe hydrogen gas. Exothermic dissolution.
CONDITIONS TO AVOID:	Exposure to moisture. Heat, flames, ignition sources and incompatibles.
INCOMPATIBLE MATERIALS:	Acids, azides, ammonium compounds, anyhydride compounds, copper, chloro organic compounds, flammable liquids, halogens, halogenated compounds, magnesium, metals and light metals, maleic anhydride, nitro compounds, organic materials, organohalogen compounds, water.
HAZARDOUS DECOMPOSITION PRODUCTS:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Oral, Dermal, Inhalation.

Component	Value	
2-butoxyethanol	LD50 (Oral)	1,300 mg/kg (rat)
	LD50 (Dermal)	>2,000 mg/kg (rat)
Monoethanolamine	LD50 (Dermal)	2.46 (1.76 - 3.39) ml/kg (rabbit)

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

IF ON THE SKIN: Extremely corrosive. May cause severe burns with deep ulceration. Burns are not immediately painful, onset of pain may be minutes to hours.

IF ON THE EYE: Extremely corrosive. May penetrate deeply, causing severe burns. In severe cases, ulceration and permanent blindness may occur.

AFTER INGESTION: Harmful if swallowed. Ingestion of flakes or pellets varies in degree of irritation depending on exposure. May cause violent pain in throat, vomiting, diarrhea, hematemesis, collapse and possible death. May cause perforation and burns of the digestive tract (oesophagus and stomach). If not immediately fatal, stricture of esophagus may develop.

SENSITIZATION: No sensitizing effects known

DELAYED AND IMMEDIATE EFFECTS, AND CHRONIC EFFECTS FROM SHORT-TERM AND LONG-TERM EXPOSURE:
Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.

ADDITIONAL TOXICOLOGICAL INFORMATION: The product shows the following dangers according to approved calculation methods for preparations: Irritant

CARCINOGENIC CATEGORIES: None of the ingredients are listed
General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Chemical name / Nom du produit chimique	Means of exposure / Moyens d'expositions	Value / Valeur
2-butoxyethanol	EC50 (Daphnia magna, 48 hr) LC50 (Oncorhynchus mykiss, 96 h)	1,550 mg/l 1,474 mg/l
Monoethanolamine	LC50 (Daphnia; 48 h) LC50 (Fathead Minnow; 96 h)	93 mg/L 206 mg/L

ECOTOXICITY	No further information available
PERSISTENCE AND DEGRADABILITY	Not available.
BIOACCUMULATIVE POTENTIAL	Not available.
MOBILITY IN SOIL	No further relevant information available.
OTHER ADVERSE EFFECTS	No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:
Recommendation: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Uncleaned packagings: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agent: Water.

14. TRANSPORT INFORMATION

UN NUMBER	NAP
UN PROPER SHIPPING NAME	NAP
TRANSPORT HAZARD CLASS(ES)	NAP
PACKING GROUP	NAP
ENVIRONMENTAL HAZARDS	NAP
TRANSPORT IN BULK, IF APPLICABLE	NAV
SPECIAL PRECAUTIONS	NAV

15. REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC TO THE PRODUCT	
United States inventory (TSCA 8b)	All components are listed or exempted.
WHMIS (Canada)	Class D-1B: Material causing immediate and serious toxic effects (Toxic). Class E: Corrosive material

16. OTHER INFORMATION

Date of latest revision:	Apr. 12, 19

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Allspar Solutions Inc. expressly disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided.

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