

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION


Product Name Disposal & Drain Cleaner **Item** 1506
 Turbo Action Pacs

Product Use Cleans and Removes bad odors from disposal and drains

Company Name Scotch Corporation **Office** (214) 459-9315
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 Dallas TX 75247 **Web** www.scotchcorp.com

EMERGENCY TELEPHONE NUMBER CHEMTREC (800) 424-9300 INTERNATIONAL + 1-703-741-5970

SECTION – 2 HAZARDS INFORMATION

Pictogram 

Signal Word Warning

Hazards	PHYSICAL / HEALTH / ENVIRONMENTAL HAZARD STATEMENTS	HAZARD CATEGORY CLASSIFICATION	CODE
	Harmful if swallowed	Category 4 Acute Toxicity (Oral)	H302
	Causes skin irritation	Category 2 Skin (Corrosion / Irritation)	H315
	Causes serious eye irritation	Category 2A Eye (Damage / Irritation)	H319

Precautions **HANDLING / PROTECTION / FIRE / STORAGE / DISPOSAL**

	CODE
Keep out of reach of children	P102
Avoid breathing dust / fume / gas / mist / vapours / spray	P261
Do not get in eyes, on skin, or on clothing	P262
Wash thoroughly after handling	P264
Do not eat, drink or smoke when using this product	P270
Avoid release to the environment	P273
Use personal protective equipment as required (See Section - 8)	P281
Store locked up	P405
Dispose of material in accordance with all State and Federal Guidelines and Regulations	P501

SECTION – 3 COMPOSITION INFORMATION (Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

CHEMICAL NAME	COMMON NAME AND SYNONYMS	CAS #	IMPURITIES	PERCENT
Sulfamic Acid	Aminosulfonic Acid ; Sulphamidic Acid	5329-14-6		25 - 50%
Benzenesulfonic Acid	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3		< 1%

Warnings contain within this SDS applies to product inside the water soluble packet if damaged or leaking.

SECTION – 4 FIRST AID MEASURES

Eye Contact Immediately flush eyes with cold water for several minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid

Skin Contact Wash contaminated skin with plenty of soap and water, Remove any contaminated clothing and wash before reuse, If irritation is present or occurs obtain medical attention

Inhaled Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention

Ingested DO NOT INDUCE VOMITING, unless directed to do so by medical personnel, If person is fully conscious, rinse mouth with water, and drink small quantities of water, Call a physician, or poison control center, and get medical attention, If victim feels nauseous stop drinking, If vomiting occurs, keep head below hips to prevent aspiration into the lungs

Important Effects None known

Important Symptoms None known

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media Not flammable: Use extinguishing media for surrounding fire

Explosion Hazard Not applicable

Hazardous Decomposition Burning or thermal decomposition can produce, carbon oxides, nitrogen oxides, sodium oxides, sulfur oxides

Protective Equipment Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Warn personnel of spill, Stop spill or release only if it can be done safely, Ventilate area, Keep unprotected personnel from entering the spill area
Personal Precautions	Follow all safety precautions, Wear Personal Protective Equipment, Do not walk through spill
Protective Equipment	Safety Glasses, Gloves
Containment	Use rags, towels, absorbent socks or pads to prevent spill from spreading, Prevent spill from spreading or entering the environment
Clean Up Procedures	Small Spills: Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water, Large Spills: Absorb spill with inert material, place in a chemical waste container, mop area with clean water
Disposal	Dispose of material in accordance with all State and Federal Guidelines and Regulations

SECTION – 7 HANDLING AND STORAGE

Handling	Do not get in eyes, Avoid prolonged skin contact, Use appropriate safety equipment, Wash thoroughly after handling, Avoid release to the environment
Storage	Store in a closed container, Store away from incompatible materials
Incompatible Materials	Incompatible with, strong acids, strong bases, strong oxidizing agents

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS**

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Significant Exposure
Sulfamic Acid	15 mg/m ³				Dust

PERSONAL PROTECTION

Eyes	Wear safety glasses with side protection when handling / using this material
Hands	Wear impervious gloves when handling / using this material
Response	Access to an eye wash station is a recommended safety precaution for handling / using this type of material
Ventilation	General Ventilation

HMIS HAZARD RATINGS	
Health	
Flammability	
Reactivity	
Personal Protection	

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	NA	Specific Gravity / Density	ND
Flammable Limits (v)	ND	pH (± 0.3)	ND
Auto-Ignition Temp.	ND	Viscosity	ND
Physical State	Solid	Freeze Point	ND
Appearance	Blue Powder	Boiling Point	ND
Odor	Citrus	Vapor Density (air=1)	ND
Odor Threshold	ND	Vapor Pressure (mmHg)	ND
Solubility	100%	Evaporation Rate (nBuAc=1)	ND
Volatiles	< 1%	Partition Coefficient	ND
VOC	< 1%	Molecular Weight (g/mol)	ND
LVP-VOC	0%	Decomposition Temperature	ND

SECTION – 10 STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity available for this product or its ingredients
Chemical Stability	Stable under normal ambient and anticipated conditions of use
Hazardous Polymerization	Will not occur
Conditions To Avoid	Incompatible materials
Incompatible Materials	Incompatible with, strong acids, strong bases, strong oxidizing agents
Hazardous Decomposition	Burning or thermal decomposition can produce, carbon oxides, nitrogen oxides, sodium oxides, sulfur oxides

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Ingestion (Yes), Inhalation (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause serious eye irritation
Skin Can cause skin irritation
Inhalation Dust may cause irritation
Ingestion Harmful if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes severe eye irritation
Skin Causes skin irritation
Inhalation Dust can cause irritation, to mucus membranes or respiratory tract
Ingestion Harmful if swallowed

Acute Tox Calculated **Oral:** 1,662 mg/kg **Dermal:** > 5,000 mg/kg **Inhaled:** > 20 mg/L

Acute Tox Category Category 4 (Oral >300, ≤2,000 mg/kg), Not applicable (Dermal >2,000 mg/kg), Not applicable (Inhaled >12.5 mg/L) Dust or Mist

Additional Info

Target Organs No target organs listed
Medical Conditions No medical conditions known to be aggravated by the use of this product
Notes to Physician Treat symptoms

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

CHEMICAL NAME	NTP	ACGIH	IARC	GHS Category
None Listed	NA	NA	NA	NA

MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:

CHEMICAL NAME	Germ Cell Mutagenicity	Toxic to Reproduction
None Listed	NA	NA

COMPONENTS ACUTE TOXICITY

CHEMICAL NAME	Type	Form	Subject	Result Value	Exposure Time	GHS Category
Sulfamic Acid	LD50	Oral	Rat	3,160 mg/kg		(>2000 mg/kg)
	LD50	Oral	Guinea Pig	1,050 mg/kg		4 (>300, ≤2000 mg/kg)
Benzenesulfonic Acid	LD50	Oral	Rat	1,080 mg/kg		(>2000 mg/kg)
	LD50	Dermal	Rat	> 2,000 mg/kg		(>2000 mg/kg)

SECTION – 12 ECOLOGICAL INFORMATION

CHEMICAL NAME	Type	Subject	Subject Latin	Result Value	Exposure Time	GHS Category
Sulfamic Acid	LC50	Fathead Minnow	(Pimephales promelas)	58.8 mg/L	96 Hours	3 (>10, ≤100 mg/L)
Benzenesulfonic Acid	LC50	Blue Gill	(Lepomis macrochirus)	> 1 - 10 mg/L	96 Hours	2 (>1, ≤10 mg/L)
	EC50	Water Flea	(Daphnia magna)	> 1 - 10 mg/L	48 Hours	2 (>1, ≤10 mg/L)

Presistence And Degradability This product is inherently biodegradable according to the OECD definition
Bioaccumulative Potential There is no evidence to suggest bioaccumulation will occur
Mobility In Soil This material is a partially mobile liquid
Other Adverse Effects May cause long lasting harmful effects to aquatic life


SECTION – 13 DISPOSAL CONSIDERATIONS

Disposal Statement DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER
Dispose of any waste in accordance with all State and Federal Guidelines and Regulations
Container Disposal Triple rinse empty container then offer for recycling. If not available, puncture and dispose in a sanitary landfill
Material Disposal Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste, Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate

SECTION – 14 TRANSPORT INFORMATION**DOT CLASSIFICATION**

UN Number	Proper Shipping Name						
Not Regulated	n.o.s. (Chemicals) or "Limits" Non Regulated Material						
Hazard Class	Packing Group	Label Codes	Reportable Quantity (lb)	Response	Marine Pollutant	Hazard Label	Secondary
None	None	None	None	128	No		

Additional Info:

SECTION – 15 REGULATORY INFORMATION														
TSCA														
CHEMICAL NAME	Sec 8(b) Active Inventory			Sec 8(d) Health And Safety			Sec 4(a) Chemical Test Rules			Sec 12(b) Export Notification				
Sulfamic Acid	Yes													
Benzenesulfonic Acid	Yes													
REPORTABLE QUANTITIES														
CHEMICAL NAME	Extremely Hazardous			Reportable Quantity			Emission Reporting							
	EPCRA TPQ Sec 302	EPCRA RQ Sec 304	CERCLA RQ Sec 103	TRI Sec 313	RCRA Code	RMP TQ Sec 112r								
Benzenesulfonic Acid				1000										
SARA														
CHEMICAL NAME	Section 311			Section 311 / 312 Hazards										
	Hazardous Chemical			Acute	Chronic	Flammable	Pressure	Reactive						
Sulfamic Acid	Yes			Yes	Yes									
Benzenesulfonic Acid	Yes			Yes										
RIGHT TO KNOW														
CHEMICAL NAME	STATE													
	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI	
Sulfamic Acid						Yes		Yes						
Benzenesulfonic Acid						Yes		Yes			Yes			
CALIFORNIA  WARNING: This Product can expose you to chemicals (Listed below) known to the State of California to cause cancer, birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov														
CHEMICAL NAME	CAS #	Birth Defects		Reproductive Harm			Carcinogen			Developmental				
None Listed														
CLEAN AIR WATER ACTS														
CHEMICAL NAME	CAS #	Clean Air Acts				Clean Water Acts								
		HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP							
None Listed														
INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:														
CHEMICAL NAME	Australia		Canada		Europe (EINECS)			Japan		Korea		UK		
Sulfamic Acid	Yes		Yes		Yes			Yes		Yes		Yes		
Benzenesulfonic Acid	Yes		Yes		Yes			Yes		Yes		Yes		

SECTION – 16 OTHER INFORMATION

SDS **LEGEND DESCRIPTION**

~	Approximately	KD	Kidney Damage (nephropathy)
ACGIH	American Conference of Governmental Industrial Hygienists	LC50	A concentration that is lethal to 50% of a given species in a given time
CAS	Chemical Abstracts Service Registry	LD50	Dose that is lethal to 50% of a given species by a given route of exposure
CEIL	Ceiling Limit (15 minutes)	LEL	Lower Explosive Limit
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act	LD	Liver Damage
CI	Cochlear Impairment	NA	Not Applicable
CNS	Central Nervous System	ND	Not Determined
EC50	Concentration of a chemical that gives half-maximal response	NE	Not Established
EPA	Environmental Protection Agency	NFPA	National Fire Protection Association
Eye	(E1 = Irritation) (ED = Damage) (EV = Visual Impairment)	NIOSH	National Institute for Occupational Safety and Health
FBG	Full Bunker Gear	NTP	National Toxicology Program
GHS	Globally Harmonized System	OSHA	Occupational Safety and Health Administration
HAP	California Hazardous Air Pollutant Clean Air Act	PEL	Permissible Exposure Limit (OSHA)
HMIS-A	Safety glasses	PNS	Peripheral Nervous System
HMIS-B	Safety glasses, gloves	PP	California Priority Pollutant under the Clean Water Act
HMIS-C	Safety glasses, gloves, chemical apron	REL	Recommended exposure limit (NIOSH)
HMIS-D	Face shield, gloves, chemical apron	RT	Upper Respiratory Tract
HMIS-E	Safety glasses, gloves, dust respirator	Skin	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator	SARA	Superfund Amendments and Reauthorization Act
HMIS-G	Safety glasses, gloves, vapor respirator	STEL	Short Term Exposure Limit (15 minutes)
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator	TC Lo	Lowest concentration that is toxic to a given species in a given time
HMIS-I	Safety glasses, gloves, dust and vapor respirator	TD Lo	Lowest dose that is toxic to a given species
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator	TLV	Threshold Limit Value (ACGIH)
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots	TP	California Toxic Pollutant under the Clean Water Act
HMIS-X	Ask Supervisor	TSCA	Toxic Substances Control Act
HS	California Hazardous Substance under the Clean Water Act	TWA	Time Weighted Average (8 hours)
IG / IH	(IG = Ingested) / (IH = Inhaled - Vapors / Mists / Gas)	UEL	Upper Explosive Limit

Scotch Corporation

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