

TurfStat Pro

Safety Data Sheet	
Emergency Phone Number	(800) 424-9300
Non-Emergency Phone Number	(347) 918-8008
Last Revision Date	Apr. 03, 2009
Print Date	Nov. 29, 2011

HMIS	
Health	3
Fire Hazard	1
Reactivity	0
Personal Protection	X

Section 01 PRODUCT IDENTIFICATION

PRODUCT CODE:	DTS-5
PRODUCT NAME:	TurfStat Pro
FORMULA:	N/A
CHEMICAL FAMILY:	Quaternary Ammonium Compounds
U.S. EPA #:	10324-166-7048
CANADIAN P.C.P #:	N/A

Section 02 HAZARDS IDENTIFICATION

INHALATION:	Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, drowsiness and death.
SKIN:	Causes irritation and/or corrosive burns. Brief exposures may cause irritation and defatting of the skin.
EYES:	Causes irritation and/or burns and may result in permanent injury to eyes, including blindness.
INGESTION	Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea, and death.

Section 03 COMPOSITION/INFORMATION ON INGREDIENTS

	Weight	TWA/TLV	CAS Number
Alkyl dimethyl benzyl ammonium chloride	0.781%	N/D	68391-01-5
Alkyl dimethyl ethyl benzyl ammonium chloride	0.781%	N/D	68956-79-6

Section 04 FIRST AID MEASURES

INHALATION:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
SKIN:	Take off contaminated clothing. Rinse skin immediately with plenty of clean water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
EYES:	Hold eye open and rinse slowly and gently with clean water for 15-20 minutes. Remove contact lenses if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice if irritation develops or persists.
INGESTION:	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of clean water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.
NOTE TO PHYSICIAN:	Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

Safety Data Sheet		HMIS	
Emergency Phone Number	(800) 424-9300	Health	3
Non-Emergency Phone Number	(347) 918-8008	Fire Hazard	1
Last Revision Date	Apr. 03, 2009	Reactivity	0
Print Date	Nov. 29, 2011	Personal Protection	X

Section 05 FIRE FIGHTING MEASURES

FLASH POINT (PMCC):	> 200°F
FLAMMABILITY:	Non-flammable.
AUTOIGNITION TEMP.:	N/D
EXTINGUISHING MEDIA:	Dry Chemical, Water, Foam, CO ₂ .
SPECIAL FIRE FIGHTING PROCEDURES:	Cool fire exposed containers with water spray, must wear MSHA/NIOSH approved Self-contained breathing apparatus (SCBA)
UNUSUAL FIRE & EXPLOSION HAZARD:	Explosive mixtures can form with air. Combustion products are toxic. Solvent vapor can travel to an ignition source and flash back.

Section 06 ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURE:	Floor may become slippery. Wear appropriate protective gear and respiratory protection where mist or vapors of unknown concentration may be generated. Stop spill. Contain spill. Absorb with inert material (sand, earth, ...) and sweep up. Transfer the liquid and solid separately to containers for recovery or proper disposal. Keep spill out of sewers and open bodies of water.
-----------------------	--

Section 07 HANDLING & STORAGE

HANDLING:	Avoid contact with eyes. Avoid breathing vapors or mist of this product. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
STORAGE:	Store upright and in original container. Keep from freezing and away from high heat, flames or other ignition sources.

Section 08 EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	None required if good ventilation is maintained. For mist or vapor, wear NIOSH approved respirator.
EYE PROTECTION:	Splash proof safety goggles.
GLOVES:	Rupper or neoprene.
PROTECTIVE CLOTHING:	Impervious apron, faceshield.
OTHER PRECAUTIONS:	Eye wash station, safety shower and protective clothing to prevent skin contact.

Section 09: PHYSICAL & CHEMICAL PROPERTIES

Flash Point:	>200°F	Molecular Weight:	N/D
Boiling Point:	N/D	Solubility in Water:	Soluble
pH (10% Solution):	8-10	Evaporation Rate:	N/D
Vapor Pressure:	N/D	Appearance:	Light green in color
Vapor Density (air=1):	Heavier than air	Odor:	Ethanollic
% Volatile by Weight:	>90%		
Specific Gravity (lbs/gal):	1.008 (8.41 lbs/gal)		

Safety Data Sheet	
Emergency Phone Number	(800) 424-9300
Non-Emergency Phone Number	(347) 918-8008
Last Revision Date	Apr. 03, 2009
Print Date	Nov. 29, 2011

HMIS	
Health	3
Fire Hazard	1
Reactivity	0
Personal Protection	X

Section 10 REACTIVITY DATA

PRODUCT STABILITY:	Stable
CONDITIONS TO AVOID:	N/A
CHEMICAL INCOMPATIBILITY:	Strong oxydizers or reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic hydrogen chloride fumes, oxides of carbon and nitrogen.
HAZARDOUS POLYMERIZATION:	Will not occur.
CORROSIVE TO METAL:	Yes.
OXIDIZER:	No.

Section 11 TOXICOLOGICAL INFORMATION

ACUTE ORAL LD ₅₀ :	> 5g/Kg
ACUTE DERMAL LD ₅₀ :	> 2g/Kg
PRIMARY SKIN:	Corrosive III.
PRIMARY EYE:	Corrosive II.
OTHER:	This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. D not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Section 12 ECOLOGICAL INFORMATION

TOXICITY DATA:	Components of this product are hazardous to aquatic life. This is an EPA registered pesticide. This material can only be used for the EPA registered application noted on the product label.
----------------	--

Section 13 DISPOSAL CONSIDERATIONS

DO NOT CONTAMINATR WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL

PESTICIDE DISPOSAL:	Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use, according to label instructions, contact your State pesticide or Environmental Control Agency, ot the hazardous waste representative at the nearest EPA regional office for guidance.
CONTAINER DISPOSAL:	Triple rinse empty container, puncture and dispose of in sanitary landfill, or by incineration, or if allowed by State law and local authorities, by burning. If burned, stay out of smoke.

Section 14 TRANSPORT INFORMATION

DOT SHIPPING NAME:	Cleaning compound, Liquid, NOS
DOT HAZARD CLASS	Non hazardous
UN NUMBER:	N/A
ERG GUIDE:	N/A

Safety Data Sheet	
Emergency Phone Number	(800) 424-9300
Non-Emergency Phone Number	(347) 918-8008
Last Revision Date	Apr. 03, 2009
Print Date	Nov. 29, 2011

HMIS	
Health	3
Fire Hazard	1
Reactivity	0
Personal Protection	X

Section 15 REGULATORY INFORMATION

WHMIS CLASSIFICATION: B3, E
 CPR COMPLIANCE: This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.
 TSCA: This product is considered a pesticide and therefore excluded from the United States TSCA regulations.
 NFPA: Health 3
 Fire 1
 Reactivity 0

Section 16 OTHER INFORMATION

SDS PREPARATION: Prepared By: T.C. Original Preparation Date: 2/16/05