

SAFETY DATA SHEET.

Issuing date 08-Dec-2015

Revision Date 08-Dec-2015

Version 1.01

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier Product name	DECON7 QUICKSTRIKE (PART 1 AND PART 2)
Recommended use of the chemical and restrictions on use	
Product code	F02813
Synonyms	None
Supplier's details	
Recommended Use Uses advised against	Cleaning product. No information available
Manufactured For: Decon7 Systems, LLC 7575 E. Redfield Rd. #235 Scottsdale, Az 85260	Manufacturer American Jetway Corporation 34136 Myrtle Street Wayne, MI 48184-0126 AMERICAN JETWAY 1-734-721-5930
Emergency telephone number Chemical Emergency Phone Number	Chemtrec 1-800-262-8200 ID 1195

2. HAZARDS IDENTIFICATION

Classification

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Gases under pressure	Compressed Gas

GHS Label elements, including precautionary statements

 Emergency Overview

 PANGER

 Hazard Statements

 Causes skin irritation

 Causes serious eye damage

 Contains gas under pressure; may explode if heated

 Image: Contains gas under pressure; may explode if heated

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Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/eye protection/face protection.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed: call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse

Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place

Hazards not otherwise classified (HNOC)

None

Other information

· Harmful to aquatic life with long lasting effects

8.04% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
PROPYLENE GLYCOL	57-55-6	1-10
HYDROGEN PEROXIDE	7722-84-1	1-10
QUAT.AMMONIUM COMPOUNDS C12-18	68391-01-5	1-10
NITROGEN GAS	7727-37-9	1-10

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice	Under normal conditions of intended use, this product does not pose a risk to health . Excessive exposure may result in eye, skin, or respiratory irritation.		
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.		
Skin contact	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Get medical attention immediately if symptoms occur.		
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.		
Ingestion	Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.		
Most important symptoms/effects, acute and delayed			
Main Symptoms	toms Causes skin and eye irritation. May cause respiratory irritation. May be harmful if swallowed and cause lung damage. Inhalation causing Central Nervous System effects.		
Indication of immediate medical attention and special treatment needed, if necessary			
Notes to physician	Treat symptomatically.		

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Decomposition by contact with water may generate vapors which can be ignited by heat or open flame.

Specific hazards arising from the chemical

Explosion Data Sensitivity to Mechanical Impact none. Sensitivity to Static Discharge none.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES			
Personal precautions, protective equipment and emergency procedures			
Personal precautions	Use with adequate ventiliation to keep the exposure levels below the OELS.		
Environmental precautions			
Environmental precautions	Report spills as required by local and federal regulations.		
Methods and materials for contain	ment and cleaning up		
Methods for Containment	Prevent further leakage or spillage if safe to do so.		
Methods for cleaning up	Contain liquid and collect with an inter, non-combustible material.		
7. HANDLING AND STORAGE			
	7. HANDLING AND STORAGE		
Precautions for safe handling	7. HANDLING AND STORAGE		
<u>Precautions for safe handling</u> Advice on safe handling	7. HANDLING AND STORAGE Avoid contact with eyes. Avoid breathing vapors or mists. Do not puncture . Avoid skin contact.May cause an allergic reaction in contact with skin. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.		
_	Avoid contact with eyes. Avoid breathing vapors or mists. Do not puncture . Avoid skin contact.May cause an allergic reaction in contact with skin. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.		
Advice on safe handling	Avoid contact with eyes. Avoid breathing vapors or mists. Do not puncture . Avoid skin contact.May cause an allergic reaction in contact with skin. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces.		

Aerosol Level

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
HYDROGEN PEROXIDE 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m ³ (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m ³	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m ³
NITROGEN GAS 7727-37-9	: See Appendix F: Minimal Oxygen Content	-	-

ACGIH: (American Conference of Governmental Industrial Hygienists) OSHA: (Occupational Safety & Health Administration) NIOSH IDLH: Immediately Dangerous to Life or Health

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Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Exposure controls

Engineering Measures

Showers Eyewash stations Ventilation systems.

XP02559 - DECON7 QUICKSTRIKE (PART 1 AND PART 2)

Individual protection measures, such as personal protective equipment		
Eye/Face Protection	Safety glasses with side-shields.	
Skin and body protection	Chemical resistant apron. Protective gloves.	
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.	
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state Appearance Color	Aerosol Clear clear	Odor Odor Threshold	Mild
Property	Values	Remarks • Methods	
pH	10.5	part 1	
Melting/freezing point	No information available		
Boiling point/boiling range	No information available		
Flash Point	> 93 °C / > 200 °F	(based on components)	
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limits in Air			
upper flammability limit	No information available		
lower flammability limit	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific Gravity	1.091 1.029	part 1 part 2	
Water solubility	completely soluble		
Partition coefficient: n-octanol/wate	er		
Autoignition temperature	No information available		
Decomposition temperature			
Viscosity	No information available		
Explosive properties			
Other information			
VOC Content(%)	1.68		

10. STABILITY AND REACTIVITY

Reactivity No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

<u>Conditions to Avoid</u> Extremes of temperature and direct sunlight.

Incompatible Materials

Strong acids, alkalis, or oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Avoid breathing vapors or mists.
Eye contact	Avoid contact with eyes and skin.
Skin contact	Irritating to skin. Prolonged skin contact may defat the skin and produce dermatitis.
Ingestion	May be harmful if swallowed.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
PROPYLENE GLYCOL 57-55-6	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	-
HYDROGEN PEROXIDE 7722-84-1	= 1518 mg/kg (Rat)	= 2000 mg/kg (Rabbit)= 4060 mg/kg (Rat)	= 2 g/m³(Rat)4 h

Information on toxicological effects

Symptoms

Causes skin and eye irritation. Causes serious eye damage. May cause respiratory irritation . May be harmful if swallowed.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Eye damage/irritation Irritation Sensitization Germ Cell Mutagenicity Carcinogenicity	carcinogen.	res. res and skin. ow indicates whether each	agency has evaluated a	
Chemical Name	ACGIH	IARC	NTP	OSHA
HYDROGEN PEROXIDE 7722-84-1	A3	Group 3	-	-
Group 1 - Carcinogenic to	e as to Carcinogenicity in Hurr Program) en This product o s temic None under n		n or suspected reproduc	tive hazards.
toxicity (repeated exposi Chronic toxicity Target Organ Effects Aspiration hazard	ire) Prolonged ski deliberately c hydrocarbon arrest. Eyes, Respira	Prolonged skin contact may defat the skin and produce dermatitis. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac		

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity8.04% of the mixture consists of ingredient(s) of unknown toxicityThe following values are calculated based on chapter 3.1 of the GHS document .ATEmix (oral)9868 mg/kgATEmix (dermal)282041 mg/kgATEmix (inhalation-dust/mist)539.7 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
PROPYLENE GLYCOL 57-55-6	19000 mg/L EC50 Pseudokirchneriella subcapitata 96h	51600 mg/L LC50 Oncorhynchus mykiss 96h static 41 - 47 mL/L LC50 Oncorhynchus mykiss 96h static 51400 mg/L LC50 Pimephales promelas 96h static 710 mg/L LC50 Pimephales promelas 96h	-	1000 mg/L EC50 Daphnia magna 48h Static
HYDROGEN PEROXIDE 7722-84-1	-	16.4 mg/L LC50 Pimephales promelas 96h 18 - 56 mg/L LC50 Lepomis macrochirus 96h static 10.0 - 32.0 mg/L LC50 Oncorhynchus mykiss 96h static	-	18 - 32 mg/L EC50 Daphnia magna 48h Static
NITROGEN GAS 7727-37-9	N/A	N/A	N/A	N/A

Persistence and degradability

Bioaccumulation

Chemical Name	log Pow
NITROGEN GAS	N/A
7727-37-9	

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment	
Waste Disposal Methods	Dispose of in accordance with federal, state, and local regulations.
Contaminated packaging	Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Ground

CONSUMER COMMODITY ORM-D or LIMITED QUANTITY IATA UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD. QTY

IMDG UN1950, AEROSOLS, 2.2,LTD. QTY.

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
PROPYLENE GLYCOL	Х	X	Х	Х	Х	Х	Х	Х
HYDROGEN PEROXIDE	Х	Х	Х	Х	Х	Х	Х	Х
QUAT.AMMONIUM COMPOUNDS C12-18	Х	Х	Х	Х	Х	Х	Х	Х
NITROGEN GAS	Х	Х	Х	Not listed	Х	Х	Х	Х

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

SARA 311/312 H	azard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	no

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
HYDROGEN PEROXIDE 7722-84-1		1000 lb	
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U.S. State Regulations

California Proposition 65

This product does not contain any known Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
PROPYLENE GLYCOL 57-55-6	Х		Х
HYDROGEN PEROXIDE 7722-84-1	Х	X	Х
NITROGEN GAS 7727-37-9	Х	X	Х

EPA Pesticide Registration Number Not applicable

<u>Canada</u>

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

16. OTHER INFORMATION						
<u>NFPA</u>	Health Hazard 2	Flammability 0	Instability 0	Physical and chemical hazards -		
<u>HMIS</u>	Health Hazard 2	Flammability 0	Physical Hazard 0	Personal protection B		
Prepared By	34136 N	n Jetway Iyrtle Street MI 48184				
Issuing date Revision Date Revision Note	Tel.734- 08-Dec-2 08-Dec-2					

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet