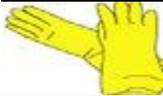




EC 655 Heavy Duty Degreaser

HMIS		NFPA	Personal protective equipment
Health	1	1	
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 1

Preparation date: 2008-12-14

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: EC 655 Heavy Duty Degreaser
MSDS #: MS0700034
Product Code: 11954470, 11954100, 11954330, 5124889
Recommended use: Cleaner/Degreaser. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:

US Headquarters
 Diversey, Inc.
 8310 16th St.
 Sturtevant, Wisconsin 53177-1964
 Phone: 1-888-352-2249
 MSDS Internet Address:
 www.johnsondiverse.com

Canadian Headquarters
 Diversey, Inc. - Canada.
 2401 Bristol Circle
 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: MAY CAUSE ALLERGIC RESPIRATORY REACTION . CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION .

Principle routes of exposure: Eye contact. Skin contact. Inhalation.
Eye contact: Moderately irritating to the eyes.
Skin contact: May be mildly irritating to skin.
Inhalation: Contains enzymes which may produce respiratory allergy if inhaled in spray or dust.
Ingestion: May cause irritation to mouth, throat and stomach .

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Surfactants	TS*	10 - 20%	Not available	Not available	Not available
Propylene glycol	57-55-6	1 - 5%	10400	20800 mg/kg	Not available

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Inhalation: No specific first aid measures are required. If breathing is affected, remove to fresh air. If not breathing, give artificial respiration . If breathing is difficult, give oxygen . Get medical attention immediately.
Ingestion: If swallowed, give a cupful of water or milk.
Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguish fire using agent suitable for surrounding fire.
Specific hazards: Enzyme - dust and aerosols may cause allergic respiratory reaction.
Unusual hazards: None known
Specific methods: No special methods required

Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.
Extinguishing media which must not be used for safety reasons: The product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation. In case of an incident in a confined area wear suitable respiratory protection. Mop or use low-pressure water spray which will not create aerosols.
Environmental precautions and clean-up methods:	Remove immediately by using vacuum with filter or mopping or washing. Sweeping, blowing, splashing, or high-pressure flushing should be avoided as this creates dust or aerosols. Remove and wash contaminated clothing.

7. HANDLING AND STORAGE

Handling:	Avoid contact with skin, eyes and clothing. Do not breathe dust or mist. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. See section 8 for appropriate personal protective equipment. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage:	Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection:	No special requirements under normal use conditions.
Hand protection:	Chemical-resistant gloves
Skin and body protection:	If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection:	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Bulk density:	No information available
pH:	No information available	Dilution pH:	No information available.
Appearance:	Liquid	Vapor density:	No information available
Color:	Green	Evaporation Rate	No information available
Odor:	Cinnamon	Boiling point/range:	212°F
Specific gravity:	1.01	Melting point/range:	Not determined
Density:	No information available. lbs/gal Kg/L	Decomposition temperature:	Not determined
VOC:	0% *	Autoignition temperature:	No information available
Flash point:	°F °C	Partition coefficient (n-octanol/water):	No information available
Solubility:	Completely Soluble	Solubility in other solvents:	No information available
Viscosity:	No information available	Elemental Phosphorus:	0% by wt.

Explosion limits: - lower: Not determined- upper: Not determined

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability:	The product is stable
Polymerization:	Hazardous polymerization does not occur
Hazardous decomposition products:	None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	LD50 estimated to be > 2000 mg/kg
Component Information:	See Section 3
Chronic toxicity:	None known
Specific effects	
Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

12. ECOLOGICAL INFORMATION

Environmental Information:	No data available
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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: Canada (DSL/NDSL), U.S.A. (TSCA).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Enzymes	TS*	-	-	-	-
Surfactants	TS*	-	-	-	-
Propylene glycol	57-55-6	-	-	X	X
Water	7732-18-5	-	-	-	-
Fragrance	TS*	-	-	-	-

CERCLA/ SARA**SARA 311/312 Hazard Categories****Canada**

WHMIS hazard class: D2A Very toxic materials .

Ingredient(s)	CAS #	NPRI
Propylene glycol	57-55-6	X

16. OTHER INFORMATION

Reason for revision:

Not applicable

Prepared by:

NAPRAC

Additional advice:

None

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