



ReNew

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
-----------------------------------	-------------------

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/NDL), 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

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.