

SECTION I - IDENTITY

#DS4050 FOUR SEASONS Glass Cleaner
Hazardous - YES

PERMA Incorporated
605 Springs Road
Bedford, MA. 01730

Telephone Number for Information
(978)667-5161
Date Prepared
02/10/12
Prepared By D.SADLO

Health	2
Flammability	2
Reactivity	0
Personal Protection	B

4 = Most Hazardous
Emergency Phone Number
1-800-255-3924 or Poison Center

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components	PEL	TWA	STEL	Other Limits	%
CAS Reg#	ppm	ppm	ppm	CEILING	(opt)
ISOPROPANOL # 67-63-0	400	400	500	N.A.	< 30

This product, or its components, are listed on, or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.
*LISTED CHEMICAL SUBJECT TO REPORTING REQUIREMENT OF SCT.313 OF TITLE III.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point	- 200°F	Specific Gravity(Water=1)	- 0.97
Vapor Pressure (mm Hg)	- 19	Melting Point	- N.A.
Vapor Density (air=1)	- 0.98	Evaporation Rate(Butyl Acetate=1)	- 0.32
Viscosity (CPS)	- 5.0	Decomposition Temperature	- N.A.
Auto Ignition Temp.	- N.A.	Solubility in Water	- COMPLETE
pH	- 8.0 +/- 1.0		
Appearance and Odor	- BLUE LIQUID, ALCOHOL ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point - >105°F

Flammable Limits
LEL - N.A. UEL - N.A.

Extinguishing Media - Use water spray, foam, dry chemical to extinguish.

Fire Fighting Procedure - KEEP CONTAINERS COOLED

Fire And Explosion Hazards - KEEP FROM SOURCES OF IGNITION

SECTION V - REACTIVITY DATA

Stability - STABLE
Conditions To Avoid - Heat, flames and/or sparks. Strong oxidizing agents.

Incompatibility - ACIDS
Hazardous Decomposition Or Byproduct - Thermal decomposition may produce carbon monoxide or carbon dioxide.
Hazardous Polymerization - WILL NOT OCCUR

The information herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or results to be obtained from use thereof.
Essentially similar to OSHA form # 174

SECTION VI - HEALTH HAZARD DATA

Routes Of Entry:
Inhalation - YES Skin - Yes Ingestion - YES
Health Hazards - Acute: VAPORS MAY IRRITATE EYES AND SKIN
- Chronic: REDNESS OF SKIN
Carcinogenicity: NO
NTP - N.A. IARC Monographs - N.A. OSHA Regulated - NO
Signs And Symptoms Of Exposure - ITCHING, BURNING SENSATION AND/OR REDNESS OF SKIN

Medical Conditions Aggravated - Sensitized skin. Prolonged exposure may lead to defatting and drying of the skin.

Emergency And First Aid Procedures - WASH CONTACT AREAS WITH WATER FOR 15 MINUTES. If swallowed get medical attention. Do not induce vomiting unless directed to by medical personnel.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled - DIKE AND COLLECT MATERIAL INTO PLASTIC CONTAINER. WATER RINSE AND DRAIN, FLUSH SMALL AMOUNTS. (BIODEGRADABLE)
Waste Disposal Method - USE SANITARY LANDFILL DISPOSAL. (NOT A HAZARDOUS WASTE) FOLLOW STATE AND LOCAL REGULATIONS (RCRA; SUBTITLE D)

Precautions To Be Taken In Handling And Storage
- DO NOT MIX WITH OTHER CHEMICALS.
- AVOID PROLONGED CONTACT. KEEP AWAY FROM HEAT SPARS OR OPEN FLAME.
Other Precautions - STORE IN SECURE AREA. AVOID FOOD CONTAMINATION.
AVOID PROLONGED INHALATION OF VAPORS. KEEP OUT OF REACH OF CHILDREN

SECTION VIII - CONTROL MEASURES

Respiratory Protection - AVOID BREATHING HIGH CONCENTRATIONS

Ventilation Local Exhaust - N.A.
Mechanical - N.A.
Special - N.A.
Other - ASSURE FRESH AIR CIRCULATION.

Protective Gloves - RECOMMENDED: RUBBER, PLASTIC
Eye Protection - RECOMMENDED: SAFETY GLASSES
Other Protection - APRON RECOMMENDED
- EYE WASH FACILITY

Work/Hygienic Practices - DO NOT EAT, DRINK NEXT TO MATERIAL.
WASH HANDS AFTER WORK.

SECTION IX - TRANSPORTATION

49 CFR

Unit Cont. - 55,30,5,1 GAL. PLASTIC CONT Report Qty. (Lbs) - N.A.
OSHA - NOT REGULATED Labels - IATA & IMDG: FLAMMABLE
DOT - COMBUSTIBLE LIQUID PER 49 CFR 173.150(e)(1)(2)
IATA & IMDG - HAZARDOUS /X/ FLAMMABLE LIQUID, PACKAGING GROUP III
IATA & IMDG - Flammable liquids, n.o.s. (Contains Isopropanol), 3, UN1993, PG III

Vendor assumes no responsibility for injury to vendee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Further more, vendee assumes the risk in use of the material.