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Material Safety Data Sheet

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SECTION I - Material Identity

Item Name

Part Number/Trade Name

National Stock Number

CAGE Code

Part Number Indicator

MSDS Number

HAZ Code

FREEDOM SC /FLOOR CARE

7930P433204

JOHWX

Α

194517

SECTION II - Manufacturer's Information

Manufacturer Name

Street

City

State

Country

Zip Code

Emergency Phone

Information Phone

JOHNSON WAX PROFESSIONAL

8310 16TH STREET

STURTEVANT

ΙW

US

53177-0902

800-424-9300 (CHEMTREC)

888-352-2249

MSDS Preparer's Information

Date MSDS Prepared/Revised

19APR00

Active Indicator

Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	YELLOW LIQUID/ MILD ODOR
Boiling Point	NA
Melting Point	NA
Vapor Pressure	NA
Vapor Density	NA
Specific Gravity	0.98
Evaporation Rate	NA
Solubility in Water	COMPLETE
Chemical pH	12
Corrosion Rate	NA
Container Type	R
Container Pressure Code	1 .
Temperature Code	4
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point	199.9
Flash Point Method	UNK
Lower Explosion Limit	UNK
Upper Explosion Limit	UNK
Extinguishing Media	WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER, APPROPRIATE FOAM
Special Fire Fighting Procedures	APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT
Unusual Fire/Explosion Hazards	CORROSIVE MATERIALS

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	NONE KNOWN
Materials to Avoid	OXIDIZING AGENTS, ACIDS. DO NOT MIX WITH ANY OTHER CHEMICALS OR PRODUCTS UNLESS SPECIFIED BY LABEL
Hazardous Decomposition Products	THERMAL: NORMAL PRODUCTS OF COMBUSTION. TOXIC DECOMPOSITION PRODUCTS INCLUDE: OXIDES OF NITROGEN

Hazardous Polymerization Polymerization Conditions to Avoid NO

WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin

Route of Entry: Ingestion Route of Entry: Inhalation

Health Hazards - Acute and Chronic

Carcinogenity: NTP Carcinogenity: IARC

Carcinogenity: OSHA

Explanation of Carcinogenity

Symptoms of Overexposure

Medical Cond. Aggrevated by Exposure

Emergency/First Aid Procedures

YES

NO

YES

[EYES] CORROSIVE, MAY CAUSE PERMANENT DAMAGE INCLUDING BLINDNESS [SKIN] CORROSIVE, MAY CAUSE PERMANENT DAMAGE, [INHALE] IRRITATION AND CORROSIVE EFFECTS TO NOSE, THROAT, RESPIRATORY TRACT [INGEST] CORROSIVE, MAY CAUSE BURNS TO MOUTH, THROAT,

STOMACH

UNK

UNK

UNK

NO DATA

SEE ABOVE

CHRONIC RESPIRATORY DISORDERS, [EYES] IMMED. FLUSH W/RUNNING WATER FOR AT LEAST 15 MIN. KEEPING EYELIDS OPEN, GET MED. ATTN. IMMED. [SKIN] FLUSH IMMED. W/PLENTY OF WATER FOR AT LEAST 15 MIN. GET IMMED. MED. ATTN. [INHALE] MOVE TO FRESH AIR, GET IMMED. MED. ATTN. [INGEST] DO NOT INDUCE VOMITING! IMMED. DRINK PLENTY OF WATER, NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET IMMED. MED ATTN

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled

PUT ON APPROPRIATE PERSONAL PROTECTIVE EQUIP. USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION. SWEEP OR SCRAPE UP MATERIALS. PLACE IN SUITABLE CLEAN, DRY CONTAINERS FOR DISPOSAL BY APPROVED METHODS, USE A WATER RINSE FOR FINAL CLEANP-UP

NONE LISTED

IN ACCORDANCE W/STATE, LOCAL,

Neutralizing Agent Waste Disposal Method

AND FED. REGULATIONS

Handling and Storage Precautions

ALL PRECAUTIONS FOR HANDLING THE PRODUCT MUST BE USED IN HANDLING THE EMPTY CONTAINER AND RESIDUE. STORE IN A DRY, COOL, WELL-VENTILATED AREA PROTECT FROM FREEZING, KEEP CONTAINER TIGHTLY CLOSED, KEEP OUT OF REACH OF CHILDREN

Other Precautions

AVOID BREATHING VAPORS OR

SPRAY MISTS

SECTION VIII - Control Measures

Respiratory Protection IF MISTS/VAPORS ARE NOT

> ADEQUATELY CONTROLLED BY VENTILATION, USE APPROPRIATE RESPIRATORY PROTECTION TO

AVOID OVER EXPOSURE. 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

GOOD GENERAL VENTILATION

SHOULD BE SUFICIENT TO CONTROL

AIRBORNE LEVELS

Protective Gloves CHEMICAL RESISTANT GLOVES

INCLUDES: NEOPRENE

Eye Protection CHEMICAL SPLASH GOGGLES

Other Protective Equipment IF MAJOR EXPOSURE IS POSSIBLE,

> WEAR SUITABLE PROTECTIVE CLOTHING AND FOOTWEAR

Work Hygenic Practices WASH HANDS THOROUGHLY AFTER

HANDLING

Supplemental Health/Safety Data NONE LISTED

SECTION IX - Label Data

Ventilation

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	UNKNOWN
Contact Code	UNKNOWN
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

SECTION X - Transportation Data

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)

2.737

Volatile Organic Compounds (G/L)

327.9989

SECTION XII - Ingredients/Identity Information

Ingredient #

Ingredient Name

CAS Number

Percent

OSHA PEL

ACGIH TLV

01

SURFACTANT

173536748

5

02

TALL OIL FATTY ACID

61790123

5

03

ETHANOL, 2-(HEXYLOXY)-

112254

30

04

BENZENEMETHANOL

100516

30

05

2-AMINO ETHANOL

141435

60

15 MG/M3

15 MG/M3