

MATERIAL SAFETY DATA SHEET

SECTION I: CHEMICAL PRODUCT AND MANUFACTURING IDENTIFICATION

PRODUCT NAME: KLEEN-SURF
PRODUCT CLASS: CLEANING COMPOUND
MSDS No. : MS908

MANUFACTURER'S NAME DoALL COMPANY
ADDRESS 1480 S. WOLF RD. WHEELING, IL 60090
EMERGENCY PHONE INFOTRAC) 1-800-535-5053
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LAST DATE PREPARED JANUARY 2007
REVISION DATE JANUARY 2010

SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS #	OSHA PEL	ACGIH TLV	PERCENT
Isopropanol	67-63-0	500 PPM	400 PPM	12.0

SECTION III: HAZARD IDENTIFICATION

EFFECTS OF OVEREXPOSURE: INHALATION: SHORTNESS OF BREATH, DIZZINESS AND LIGHTEADEDNESS. EYE: CAN CAUSE MINOR IRRITATION. SKIN: DEFATTING AND/OR MINOR SKIN IRRITATION.



HMIS RATING: 1 - 0 - 0
NFPA RATING: 1 - 0 - 0

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT, SKIN ABSORPTION, INHALATION, INGESTION, EYE CONTACT.

ACCUTE TOXICITY: NOT DETERMINED.

EFFECTS OF OVER-EXPOSURE:

INHALATION: BREATHING DIFFICULTY.

EYE CONTACT: MINOR IRRITATION.

SKIN CONTACT: DEFATTING, AND/OR MINOR IRRITATION.

SKIN ABSORPTION: NOT EXPECTED TO OCCUR.

INGESTION: NAUSEA, AND/OR DIARRHEA.

CHRONIC HAZARDS: THERE ARE NO FORESEEABLE USES OF THE PRODUCT THAT WOULD LEAD TO CHRONIC EXPOSURE.

CARCINOGENICITY: LISTED BY NTP, IARC, AND OSHA: NO.

SECTION IV: FIRST AID INFORMTION

INHALATION:	REMOVE PERSON TO FRESH AIR. IF NECESSARY, SUPPORT BREATHING. GET MEDICAL ATTENTION.
EYE CONTACT:	FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
SKIN CONTACT:	WASH EXPOSED AREA WITH MILD SOAP AND WARM WATER ONLY. DO NOT USE HARSH SOAP OR SOLVENT.
SKIN ABSORPTION:	GET MEDICAL ATTENTION.
INGESTION:	KEEP PERSON WARM AND QUIET. GET MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

SECTION V: FIRST AID INFORMTION

FLASH POINT:	ND
EXTINGUISHING MEDIA	CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
FIRE FIGHTING PROCEDURES	WATER STREAM OR SPRAY, TO COOL CONTAINERS TO PREVENT VAPOR FORMATION AND IGNITION, MAY SPREAD FIRE. FOG NOZZLES ARE PREFERRED IF WATER IS USED. WEAR SCBA GEAR IN FIRE AREA.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE

SECTION VI: SPILL OR LEAK PROCEDURES

IN CASE OF ACCIDENTAL RELEASE: RECOVER FREE PRODUCT. ADD SAND, EARTH OR OTHER SUITABLE ABSORBENT TO SPILL AREA. MINIMIZE SKIN CONTACT. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES BY DIKING OR IMPOUNDING. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES OR EXTENSIVE LAND AREAS.

SMALL SPILLS:	USE ABSORBENT MATERIAL. SCRAPE UP MATERIAL AND PLACE IN A CHEMICAL WASTE CONTAINER. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
LARGE SPILLS:	DIKE AND PUMP INTO DRUMS. DO NOT DISCHARGE EFFLUENT OF THIS PRODUC INTO LAKES, STREAMS OR OTHER WATERS UNLESS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
RESIDUE:	MOP WITH SOAP AND WATER.

SECTION VII: HANDLING AND STORAGE

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, AND OPEN FLAMES. STORE IN A CLOSED CONTAINER IN A COOL PLACE.

OTHER PRECAUTIONS: AVOID BREATHING MIST.

SECTION VIII: EXPOSURE CONTROLS

VENTILATION:	GENERAL MECHANICAL VENTILATION SHOULD BE ADEQUATE. IF MISTING OCCURS, PROVIDE LOCAL VENTILATION.
PROTECTIVE GLOVES:	THE USE OF NEOPRENE GLOVES THAT ARE IMPERMEABLE TO OIL IS RECOMMENDED.
EYE PROTECTION:	SAFETY GOGGLES WITH SIDE SHIELDS OR FACE SHIELD ARE RECOMMENDED.
OTHER PROTECTION:	AN EMERGENCY SHOWER AND EYEWASH SHOULD BE AVAILABLE IN THE WORK AREA. PRACTICE REASONABLE PERSONAL HYGIENE. WASH EXPOSED SKIN WITH MILD SOAP AND WARM WATER ONLY. PRODUCT-SOAKED CLOTHING SHOULD BE CHANGED PROMPTLY AND LAUNDERED BEFORE RE-WEARING.

SECTION IX: EXPOSURE CONTROLS

BOILING POINT:	152 DEGREES FAHRENHEIT
SPECIFIC GRAVITY:	(WATER=1): 0.978
VAPOR PRESSURE:	ND
MELTING POINT:	NA
VAPOR DENSITY:	ND
EVAPORATION RATE (BUAC=1):	ND
SOLUBILITY IN WATER:	SOLUBLE
pH:	8.0-8.5
APPEARANCE:	CLEAR TO SLIGHTLY OPAQUE LIQUID
ODOR:	CHEMICAL

SECTION X: STABILITY AND REACTIVITY

STABILITY:	Stable.
INCOMPATIBILITY:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and nitrogen.
HAZARDOUS POLYMERIZATION:	Will not occur.

SECTION XI: TOXICOLOGY

NOT DETERMINED.

SECTION XII: ECOLOGICAL

NOT DETERMINED.

SECTION XIII: DISPOSAL

EMPTY CONTAINERS MAY BE DISPOSED OF THROUGH NORMAL CHANNELS. FULL OR PRATICALLY FULL CONTAINERS ARE CONSIDERED HAZARDOUS WASTE AND MUST BE DISPOSED OF ACCORDINGLY. FOLLOW LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION XIV: TRANSPORTATION

DEPARTMENT OF TRANSPORTATION (DOT): COMBUSTIBLE LIQUID.

SECTION XV: REGULATORY

CERCLA

NO COMPONENTS OF THIS PRODUCT ARE PRESENT AT LEVELS THAT REQUIRE REPORTING UNDER 40 CFR 302.4.

SARA

NOT LISTED.

CAA

CONTAINS NO OZONE DEPLETING SUBSTANCE.

RCRA

AS RECEIVED, IS A HAZARDOUS WASTE MATERIAL.

TSCA

ALL INGREDIENTS ARE REGISTERED.

RIGHT TO KNOW ACT

SEVERAL STATES HAVE ENACTED RIGHT TO KNOW LAWS. THESE LAWS REQUIRE INFORMATION THAT IS BEYOND THAT MANDATED BY FEDERAL LAWS. THEREFORE, AS SOME OF THESE LAWS ARE INCONSISTENT WITH MANDATED FEDERAL LAWS, THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET MAY NOT COMPLETELY MEET THE REQUIREMENTS OF EVERY STATE.

SECTION XVI: OTHER INFORMATION

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING VAPORS AND INHALING CONTENTS CAN BE HARMFUL OR FATAL.

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