

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME: SCRUB
PRODUCT USE: AUTOMOTIVE DETAILING
MANUFACTURER/SUPPLIER:
 SCRATCHWERKES
 820 4TH ST SE
 MINOT, ND, 58701

TELEPHONE NUMBER: 701.509.6942
E-MAIL: INFO@SCRATCHWERKES.COM
WEB: SHOPSCRATCHWERKES.COM

**SECTION 2: HAZARD(S) IDENTIFICATION****GHS CLASSIFICATION: HEALTH ENVIRONMENTAL**

EYE EFFECTS – 2A
 SKIN CORROSION – 3
 ACUTE TOXICITY – 5
 5 (INHALATION)
 5 (ORAL/DENTAL)
 SKIN SENSITIZATION – N/A
 MUTAGENICITY – N/A
 CARCINOGENICITY – N/A
 REPRODUCTIVE/DEVELOPMENTAL – N/A
 TARGET ORGAN TOXICITY – N/A
 TOXICITY – N/A
 ASPIRATION HAZARD – N/A
 ENVIRONMENTAL HAZARDS – N/A
 HAZARDOUS TO THE AQUATIC ENVIRONMENT – N/A

PHYSICAL

FLAMMABLE LIQUID – N/A
 EXPLOSIVES – N/A
 FLAMMABLE GASES – N/A
 FLAMMABLE AEROSOLS – N/A
 OXIDIZING GASES – N/A
 GASES UNDER PRESSURE – N/A
 FLAMMABLE SOLID – N/A
 SELF-REACTIVE SUBSTANCES – N/A
 PYROPHORIC SOLIDS – N/A
 SELF-HEATING SUBSTANCES – N/A
 OXIDIZING LIQUIDS – N/A
 OXIDIZING SOLIDS – N/A
 ORGANIC PEROXIDES – N/A
 CORROSIVE TO METAL – N/A
 SUBSTANCES WHICH, IN CONTACT WITH
 WATER EMIT FLAMMABLE GASES – N/A

HAZARD STATEMENTS:

PICTOGRAM: WARNING

DANGER!

MAY BE HARMFUL IF SWALLOWED.
 MAY BE HARMFUL IF IN CONTACT
 WITH SKIN.
 CAUSES SERIOUS EYE IRRITATION.
 MAY BE HARMFUL IF INHALED.

PRECAUTIONARY STATEMENTS**GENERAL:**

P101 IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT
 AT HAND

P102 KEEP OUT OF REACH OF CHILDREN

P103 READ LABEL BEFORE USE.

PREVENTION:

P264 WASH THOROUGHLY AFTER HANDLING.

P264 WEAR PROTECTIVE GLOVES/EYE PROTECTION/
 FACE PROTECTION.

RESPONSE:

IF SWALLOWED: CALL A POISON CONTROL CENTER OR DOCTOR/PHYSICIAN. RINSE MOUTH.

IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO.

CONTINUE RINSING.

IF EYE IRRITATION PERSISTS GET MEDICAL ADVICE/ ATTENTION.

STORAGE:

N/A

DISPOSAL:

DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>WEIGHT</u>
WATER	7732-18-5	60 – 100
SODIUM HYDRATE	1310-73-2	≤ 2
DODECYLBENZEN	27176-87-0	8-19
SODIUM METASILICATE PENTA	6834-92-0	5-15
2HYDROXY 1,2,3-PROPANETRICARBOXYLIC MONO.	5949-29-1	≤ 5
ETHYLENE GLYCOL BUTYL	111-76-2	15-25
FRAGRANCE	PROPRIETARY MIXTURE	≤ 1

SECTION 4: FIRST AID MEASURES

EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF CLEAN WATER FOR AT LEAST 15 MINUTES, EYELIDS SHOULD BE HELD AWAY FROM THE EYEBALL TO ENSURE THOROUGH RINSING. IF ANY IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

SKIN CONTACT: RINSE AREA WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF ANY REDNESS OR IRRITATION PERSISTS

INHALATION: IF BREATHING IS DIFFICULT OR IRRITATING, MOVE TO FRESH AIR IMMEDIATELY. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS DIRECTED BY MEDICAL PERSONNEL.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: USE DRY CHEMICAL, FOAM, OR CARBON DIOXIDE TO EXTINGUISH FIRE. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS, STRUCTURES AND TO PROTECT PERSONNEL. USE WATER TO DILUTE SPILLS AND TO FLUSH THEM AWAY FROM SOURCES OF IGNITION.

FIRE FIGHTING PROCEDURES: NO SPECIAL PROTECTIVE ACTION FOR FIRE FIGHTERS ARE ANTICIPATED.

UNUSUAL FIRE AND EXPLOSION: N/A

COMBUSTION PRODUCTS: N/A

SECTION 6: ACCIDENT RELEASE MEASURES

CONTAIN LARGE SPILLS WITH DIKES TO PREVENT ENTRY TO WATERWAYS AND SANITARY SEWERS AND TRANSFER THE MATERIAL TO APPROPRIATE CONTAINERS FOR RECLAMATION OR DISPOSAL. ABSORB/TRAP REMAINING MATERIAL OR SMALL SPILLS WITH INERT MATERIAL (DIRT, SAND, INDUSTRIAL ABSORBENT) AND

SECTION 6: CONTINUED

THEN PLACE IN CHEMICAL WASTE CONTAINERS. FLUSH RESIDUAL SPILL AREA WITH LARGE AMOUNTS OF WATER. DISPOSE OF ALL CLEAN UP MATERIALS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL HEALTH AND ENVIRONMENTAL REGULATIONS.

SECTION 7: HANDLING AND STORAGE

HANDLING:

DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT BREATHE VAPOR OR MISTS. KEEP CONTAINER CLOSED. USE ONLY WITH ADEQUATE VENTILATION. USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS BEFORE EATING, DRINKING, SMOKING. REMOVE CONTAMINATED CLOTHING AND CLEAN BEFORE RE-USE. KEEP AWAY FROM HEAT AND FLAME. KEEP OPERATING TEMPERATURES BELOW IGNITION TEMPERATURES AT ALL TIMES. USE NON-SPARKING TOOLS. CHEMICAL RESISTANT SPLASH GOGGLES AND CHEMICAL RESISTANT GLOVES ARE ALWAYS RECOMMENDED WHEN USING CHEMICALS.

STORAGE:

KEEP CONTAINER TIGHTLY CLOSED IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM HEAT, SOURCE OF IGNITION AND INCOMPATIBLES. DO NOT STORE BELOW 32 DEGREES F OR ABOVE 100 DEGREES F. DO NOT STORE IN DIRECT SUNLIGHT. KEEP AWAY FROM CHILDREN.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE LIMITS: ETHYLENE GLYCOL MONOBUTYL 111-76-2

ACGIH	TWA	20 ppm
NIOSH	REL	5 ppm
NIOSH	REL	24 mg/m ³
OSHA Z1A	PEL	50 ppm
OSHA Z1A	PEL	240 mg/m ³

ENGINEERING CONTROLS: LOCAL EXHAUST VENTILATION MAY BE NECESSARY TO CONTROL AIR CONTAMINANTS TO THEIR EXPOSURE LIMITS. THE USE OF LOCAL VENTILATION IS RECOMMENDED TO CONTROL EMISSIONS NEAR THE SOURCE. PROVIDE MECHANICAL VENTILATION FOR CONFINED SPACES. USE EXPLOSION-PROOF VENTILATION EQUIPMENT.

PERSONAL PROTECTIVE EQUIPMENT (PPE): EYE PROTECTION: WEAR CHEMICAL SAFETY GOGGLES AND FACE SHIELD. HAVE EYE-WASH STATIONS AVAILABLE WHERE EYE CONTACT CAN OCCUR.

SKIN PROTECTION: AVOID PROLONGED SKIN CONTACT. WEAR GLOVES IMPERVIOUS TO CONDITIONS OF USE. ADDITIONAL PROTECTION MAY BE NECESSARY TO PREVENT SKIN CONTACT INCLUDING USE OF APRON. A SAFETY SHOWER SHOULD BE LOCATED IN THE WORK AREA.

RESPIRATORY PROTECTION: IF EXPOSURE LIMITS ARE EXCEEDED, NIOSH APPROVED RESPIRATORY PROTECTION SHOULD BE WORN. A NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IS GENERALLY ACCEPTABLE.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT:	NO FLASH POINT	LOWER FLAMMABILITY LIMIT:	NO DATA AVAILABLE
AUTO-IGNITION TEMPERATURE:	NO DATA AVAILABLE	UPPER FLAMMABILITY LIMIT:	NO DATA AVAILABLE
BOILING POINT:	≥ 95°C	VOLATILE ORGANIC COMPOUND:	.5% WEIGHT (CARB)
MELTING POINT:	NO DATA AVAILABLE	VOLATILE ORGANIC COMPOUND:	5 G/L)SCAQMD 443.1)
VAPOR PRESSURE:	NO DATA AVAILABLE	EVAPORATION RATE (WATER=1)	NO DATA AVAILABLE
VAPOR DENSITY (AIR = 1):	NO DATA AVAILABLE	VISCOSITY:	NO DATA AVAILABLE
SOLUBILITY:	SOLUBLE IN WATER	PH:	10 ± .5
POUR POINT:	NOT AVAILABLE	MOLECULAR WEIGHT:	MIXTURE
MOLECULAR FORMULA:	MIXTURE	SPEC. GRAV. / DENSITY:	8.848 LBS. /GAL.
ODOR/APPEARANCE:	RED/ NO SCENT		

SECTION 10: STABILITY AND REACTIVITY**REACTIVITY:** NONE**CHEMICAL STABILITY:** STABLE**POSSIBILITY OF HAZARDOUS REACTIONS:** HAZARDOUS POLYMERIZATION WILL NOT OCCUR.**CONDITIONS TO AVOID:** NONET**INCOMPATIBLE MATERIALS:** STRONG ACIDS AND OXIDIZERS.**HAZARDOUS DECOMPOSITION:** NONE KNOW.**SECTION 11: TOXICOLOGICAL INFORMATION**

BASED ON THE TEST DATA AND/OR INFORMATION ON THE COMPONENTS, THIS MATERIAL MAY PRODUCE THE FOLLOWING HEALTH EFFECTS:

INHALATION: RESPIRATORY TRACT IRRITATION: SIGNS/SYMPTOMS MAY INCLUDE COUGH, SNEEZING, NASAL DISCHARGE, HEADACHE, HOARSENESS, AND NOSE AND THROAT PAIN.

SKIN CONTACT: MILD SKIN IRRITATION: SIGNS/SYMPTOMS MAY INCLUDE LOCALIZED REDNESS, SWELLING, ITCHING, AND DRYNESS. ALLERGIC SKIN REACTION (NON-PHOTO INDUCED) IN SENSITIVE PEOPLE: SIGNS/SYMPTOMS MAY INCLUDE REDNESS, SWELLING, BLISTERING, AND ITCHING.

EYE CONTACT: MODERATE EYE IRRITATION: SIGNS/SYMPTOMS MAY INCLUDE REDNESS, SWELLING, PAIN, TEARING, AND BLURRED OR HAZY VISION.

INGESTION: GASTROINTESTINAL IRRITATION: SIGNS/SYMPTOMS MAY INCLUDE ABDOMINAL PAIN, STOMACH UPSET, NAUSEA, VOMITING AND DIARRHEA.

TARGET ORGAN EFFECTS: ALLERGIC SKIN REACTION (NON-PHOTO INDUCED) IN SENSITIVE PEOPLE. SIGNS/SYMPTOMS MAY INCLUDE REDNESS, SWELLING, BLISTERING, AND ITCHING.

TOXICOLOGICAL DATA: IF A COMPONENT IS DISCLOSED IN SECTION 3 BUT DOES NOT APPEAR IN A TABLE BELOW, EITHER NO DATA ARE AVAILABLE FOR THAT ENDPOINT OR THE DATA ARE NOT SUFFICIENT FOR CLASSIFICATION.

ACUTE TOXICITY

NAME	ROUTE	SPECIES	VALUE
Sodium Hydroxide	ORAL	RABBIT	LD Lo Rabbit 500 MG/KG
Sodium Hydroxide	INHALATION	-	NO DATA AVAILABLE
Sodium Hydroxide	DERMAL	RABBIT	LD Rabbit 1,350 MG/KG
Dodecylbenzen	ORAL	RABBI	LD 50: 1407 MG/KG
Dodecylbenzen	INHALATION	-	NO DATA AVAILABLE
Dodecylbenzen	DERMAL	-	NO DATA AVAILABLE
Ethelyne Glycol	ORAL	GUINEA PIG	LD 50 1,200 MG/KG
Ethelyne Glycol	INHALATION	GUINEA PIG	LD 50 > 633 PPM, 1 H.

SECTION 11: CONTINUED**ACUTE TOXICITY**

NAME	ROUTE	SPECIES	VALUE
ETHELYNE GLYCOL	DERMAL	GUINEA PIG	LD 50 >2,000 MG/KG
SODIUM METASILICATE PENTAHYD	ORAL	RAT	LD 50 1153 MG/KG
SODIUM METASILICATE PENTAHYD	INHALATION	-	NO DATA AVAILABLE
SODIUM METASILICATE PENTAHYD	DERMAL	-	NO DATA AVAILABLE
2HYDROXY 1,2,3-PROPANETRICARBOXYLIC MONO	ORAL	RAT	LD 50 : >11700 MG/KG
2HYDROXY 1,2,3-PROPANETRICARBOXYLIC MONO	INHALATION	-	NO DATA AVAILABLE
2HYDROXY 1,2,3-PROPANETRICARBOXYLIC MONO	DERMAL	-	NO DATA AVAILABLE
SKIN CORROSION/IRRITATION SERIOUS EYE DAMAGE/IRRITATION SKIN SENSITIZATION RESPIRATORY SENSITIZATION GERM CELL MUTAGENICITY CARCINOGENICITY REPRODUCTIVE TOXICITY REPRODUCTIVE AND/OR DEVELOPMENTAL EFFECTS SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE ASPIRATION HAZARD			

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY: ACUTE AND PROLONGED TOXICITY TO FISH: NO DATA
 ACUTE TOXICITY TO AQUATIC INVERTEBRATES: NO DATA

ENVIRONMENTAL FATE AND PATHWAYS: NO DATA

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

- 14: TRANSPORT INFORMATION PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR TRANSPORT.
- 14.1 UN NUMBER NOT APPLICABLE.
- 14.2 UN PROPER SHIPPING NAME NOT APPLICABLE.
- 14.3 TRANSPORT HAZARD CLASS(ES) NOT APPLICABLE.
- 14.4 PACKING GROUP NOT APPLICABLE.
- 14.5 ENVIRONMENTAL HAZARDS ENVIRONMENTALLY HAZARDOUS AND/OR MARINE POLLUTANT: NO
- 14.6 SPECIAL PRECAUTIONS FOR USER NOT APPLICABLE.
- 14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

SECTION 15: REGULATORY INFORMATION

AMENDMENTS AND REAUTHORIZATION ACT OF 1986 TITLE III (EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986) SECTIONS 311 AND 312

311/312 HAZARD CATEGORIES:

FIRE HAZARD – NO, PRESSURE HAZARD – NO, REACTIVITY HAZARD – NO, IMMEDIATE HAZARD – YES, DELAYED HAZARD – NO

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 TITLE III (EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986) SECTION 313 THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD (DE MINIMIS) REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980 (CERCLA) SECTION 103 THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A CERCLA RQ

CALIFORNIA PROP. 65 THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR ANY OTHER REPRODUCTIVE HARM.

UNITED STATES TSCA INVENTORY (TSCA) ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE INVENTORY LISTING REQUIREMENTS OF THE U.S. TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

THIS SDS HAS BEEN PREPARED TO MEET THE U.S. OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200

SECTION 16: OTHER INFORMATION

NFPA HAZARDOUS CLASSIFICATION

HEALTH: 2

FLAMMABILITY: 0

INSTABILITY: 0

SPECIAL HAZARD: NONE

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