

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: THE CHARGAR CORP.
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PRODUCT CLASS: INDUSTRIAL CLEANER

CODE IDENTIFICATION: CHAR900

TRADE NAME: #900 HEAVY DUTY RESTORATION CLEANER & 960 Rust Remover

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	ACGIH TLV PPM	%
PHOSPHORIC ACID 85% CAS NUMBER 7664-34-7	3	7.5
HYDROFLORIC ACID 70% CAS NUMBER 7664-39-3	1000	7.5
POLYSOLVE EB CAS NUMBER 111-76-2	25	5.2

SECTION III - PHYSICAL DATA

BOILING POINT: 300 F VAPOR DENSITY: N/AV

EVAPORATION RATE: N/AV

PERCENT VOLATILE BY VOLUME: 81.85

VAPOR PRESSURE: N/AV

SOLUBILITY IN WATER: 100%

APPEARANCE AND ODOR: SLIGHT YELLOW - MILDLY ACIDIC

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NON FLAMMABLE

FLAMMABLE LIMITS: N/APP

EXTINGUISHING MEDIA: N/APP

SPECIAL FIRE FIGHTING PROCEDURES: WEAR NIOSH/SHA APPROVED SELF CONTAINED BREATHING APPARATUS. WEAR A FULL FACE PIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE AND FULL BODY PROTECTIVE CLOTHING WHEN FIGHTING FIRES.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 3PPM - OUTSIDE USE WILL NOT REACH THIS LEVEL

EFFECTS OF OVEREXPOSURE: INHALATION: CAN IRRITATE THROAT AND RESPIRATORY SYSTEM.

SKIN: MAY CAUSE BURNS.

EYES: LIQUID VAPOR CAN CAUSE IRRITATION, CORNEAL BURNS OR CONJUNCTIVITIS
EMERGENCY FIRST AID PROCEDURES: INHALATION: REMOVE TO FRESH AIR. ADMINISTER
ARTIFICIAL RESPIRATION OR OXYGEN IF BREATHING IS DIFFICULT.
SKIN: WASH AFFECTED AREA WITH WATER FOR 15 MINUTES. REMOVE AND LAUNDER
CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.
EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.
THEN USE A MILD EYE RINSE CONTAINING SODIUM BICARBONATE. GET PROMPT MEDICAL
ATTENTION. SEVERE CASES MAY REQUIRE AN ANTIDOTE OF BENZALKONIUM CHLORIDE
WHICH MAY BE APPLIED.
INGESTION: CALL A PHYSICIAN IMMEDIATELY.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY(MATERIALS TO AVOID): STRONG ACIDS AND BASES
HAZARDOUS DECOMPOSITION PRODUCTS: N/AV
CONDITIONS TO AVOID: CONTACT WITH STRONG ALKALINE SOLUTIONS OR UNKNOWN
SOLUTIONS.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CONTAIN SPILLED AREAS
WITH DIKES, ETC. NEUTRALIZE WITH SODA ASH AND WASH DOWN AREA WITH PLENTY OF
WATER. PRODUCT IS COMPLETELY BIODEGRADABLE.
WASTE DISPOSAL METHOD: NEUTRALIZE WITH SODA ASH OR LIME. FLUSH RESIDUE IN
ACCORDANCE WITH ALL STATE AND FEDERAL REGULATIONS. PRODUCT IS COMPLETELY
BIODEGRADABLE.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: IF CONCENTRATIONS
SHOULD EXCEED 3 PPM USE NIOSH/MSHA APPROVED FULL FACE RESPIRATOR.
VENTILATION: PROVIDE PROPER VENTILATION TO KEEP EXPOSURE BELOW THE
THRESHOLD LIMIT VALUE (3PPM)
PROTECTIVE GLOVES: WEAR ACID RESISTANT GLOVES. RUBBER, NEOPRENE OR PVC.
EYE PROTECTION: WEAR FULL FACE PLASTIC SHIELD OR GOGGLES.
OTHER PROTECTIVE EQUIPMENT: HARD HAT, ACID RESISTANT JACKET, TROUSERS AND
BOOTS.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING: STORE IN A COOL DRY PLACE
AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP CONTAINERS CLOSED AND UPRIGHT
TO PREVENT LEAKAGE. OUTSIDE OR DETACHED STORAGE IS PREFERRED. INSIDE STORAGE
SHOULD BE IN A STANDARD STOREROOM OR CABINET. METAL CONTAINERS SHOULD BE
GROUNDED WHEN TRANSFERRING MATERIAL FROM ONE CONTAINER TO ANOTHER. DO NOT
REUSE PRODUCT CONTAINER FOR ANY PURPOSE. NEVER ADD ACID OR ANYTHING OTHER
THAN WATER TO THIS PRODUCT.
OTHER PRECAUTIONS: KEEP QUICK DRENCH FACILITIES ON THE JOB SITE AND EYEWASH
SOLUTION CONTAINING SODIUM BICARBONATE.