



**HAZARD RATING**

4=EXTREME  
3=HIGH  
2=MODERATE  
1=SLIGHT  
0=INSIGNIFICANT

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>

**MATERIAL SAFETY DATA SHEET**  
**VEXCON NO. OP106**

**GENERAL INFORMATION**

**PRODUCT IDENTIFICATION:** STARSEAL EF NEUTRALIZING RINSE & CLEANER

**VOC CONTENT:** 0 GR/LITER OR 0 #/GAL.

**CATEGORY:** NOT REQUIRED

**COMMON NAME** BAKING SODA (SODIUM BICARBONATE)

**DOT SHIPPING NAME:** IN CONTAINERS LESS THAN 119 GALS AND GREATER THAN 119 GALS: NON-REGULATED

**HEALTH AND SAFETY:** MAY CAUSE RESPIRATORY TRACT IRRITATION. WEAR PROPER SAFETY EQUIPMENT TO AVOID EXPOSURE.

**SECTION I**

**MANUFACTURER:** VEXCON CHEMICALS  
**EMERGENCY NO:** 1-800-858-2828  
**CHEMTREC NO:** 1-800-424-9300  
**TELEPHONE NO:** 1-215-332-7709  
**ADDRESS:** 7240 STATE RD., PHILA. PA 19135  
**PREPARED:** DECEMBER 2007  
**PREPARED BY:** DARRYL F. MANUEL

**SECTION II HAZARDOUS INGREDIENTS**

**CHEMICAL NAME:** BAKING SODA, BICARBONATE OF SODA, SODIUM HYDROGEN CARBONATE

**COMMON NAME:** CAS # OSHA: TWA  
SODIUM BICARBONATE 144-55-8 5 mg/cu m

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A

**VAPOR PRESSURE:** N/A

**SPECIFIC GRAVITY (H2O=1):** NOT AVAILABLE

**SOLUBILITY IN H2O % BY WT:** 9.5 WT/WT% @ 20° C

**EVAPORATION RATE** (BUOH=1.): N/A

**APPEARANCE AND ODOR:** WHITE POWDER, ODORLESS

PH: 8.5 @ 1 WT/WT %

**SECTION IV FIRE AND EXPLOSION DATA**

**FLASH POINT:** N/A

**AUTOIGNITION TEMPERATURE:** N/A

**FLAMMABLE LIMITS IN AIR: % BY VOL:** N/A

**LOWER:** NA **UPPER:** NA

**EXTINGUISHING MEDIA:** NOT COMBUSTIBLE. USE EXTINGUISHING METHOD SUITABLE FOR SURROUNDING FIRE.

**SPECIAL FIRE FIGHTING PROCEDURES:** WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE, AND FULL BODY PROTECTIVE CLOTHING WHEN FIGHTING FIRES. WATER SPRAY MAY BE USED TO COOL CLOSED CONTAINERS.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** NONE

**SECTION V REACTIVITY DATA**

**STABILITY:** STABLE.

**INCOMPATIBILITY:** CONTACT WITH STRONG ACIDS CAN PRODUCE OXIDES OF CARBON

**SECTION VI HEALTH HAZARD INFORMATION**

**ROUTES OF EXPOSURE:**

**SKIN AND EYE CONTACT:** SLIGHTLY IRRITATING.

**SKIN ABSORPTION:** SEE ABOVE

**INGESTION/INHALATION:** LOW ACUTE INHALATION TOXICITY. MAY CAUSE COUGHING, UPPER RESPIRATORY TRACT IRRITATION. LOW ACUTE ORAL TOXICITY. MAY CAUSE NAUSEA, VOMITING, ABDOMINAL PAIN.

**ACUTE OVEREXPOSURE**  
LOW ACUTE ORAL TOXICITY. MAY CAUSE NAUSEA, VOMITING, ABDOMINAL PAIN.

**CRONIC EFFECTS:** THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENT DESIGNATED BY IARC, NTP, ACGIH OR OSHA AS PROBABLE OR SUSPECTED HUMAN CARCINOGENS.

**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** HOLD EYELIDS OPEN AND FLUSH WITH A DSTEADY, GENTLE STREAM OF WATER FOR A LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRATION DEVELOPS OR PERSISTS OR VISUAL CHANGES OCCUR.FOR TREATMENT. IF SWALLOWED: OBTAIN MEDICAL ATTENTION IMMEDIATELY.

**SKIN:** THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.

**INHALATION:** REMOVE TO FRESH AIR, GIVE CPR IF UNCONSCIOUS.

**INGESTION:** IF VICTIM IS CONSCIOUS AND ALERT, GIVE 2-3 GLASSES OF WATER TO DRINK AND INDUCE VOMITING BY TOUCHING BACK OF THROAT WITH A FINGER.. DO NT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK IMMEDIATE MEDICAL ATTENTION. DO NOT LEAVE VICTIM UNATTENDED. VOMITING MAY OCCUR SPONTANEOUSLY. TO PREVENT ASPIRATION IF SWALLOWED, LAY VICTIM ON SIDE WITH HEAD LOWER THAN WAIST. IF VOMITING OCCURS AND THE VICTIM IS CONSCIOUS, GIVE WATER TO FURTHER DILUTE THE CHEMICAL.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

CONTAINMENT/CLEANUP/DISPOSAL OF SPILL: SWEEP OR VACUUM UP AND PLACE IN AN APPROPRIATE CLOSED CONTAINER.

**ENVIRONMENTAL AND REGULATORY REPORTING:** DO NOT FLUSH TO DRAIN. SPILLS MAYA BE REPORTABLE TO THE NATIONAL RESPONSE CENTER (800-424-8802) AND TO STATE AND/OR LOCAL AGENCIES.

**WASTE DISPOSAL METHOD: TREATMENT.**

CHEMICAL ADDITIONS, PROCESSING OR OTHERWISE ALTERING THIS MATERIAL MAY MAKE THE WASTE MANAGEMENT INFORMATION PRESENTED IN THIS MSDS INCOMPLETE, INACCURATE OR OTHERWISE INAPPROPRIATE. PLEASE BE ADVISED THAT STATE AND LOCAL REQUIREMENT FOR WASTE DISPOSAL MAY BE MORE RESTRICTIVE OR OTHERWISE DIFFERENT FROM FEDERAL LAWS AND REGULATIONS. CONSULT STATE AND LOCAL REGULATIONS REGARDING THE PROPER DISPOSAL OF THIS MATERIAL. RINSE CONTAINERS BEFORE DISPOSAL.

**STATE REGULATIONS:** THIS PRODUCT DOES NOT CONTAIN ANY COMPONENTS THAT ARE REGULATED UNDER CALIFORNIA PROPOSTION 65.

**SECTION VIII CONTROL MEASURES**

**VENTILATION REQUIREMENTS:** PROVIDE SUFFICIENT EXPLOSION PROOF GENERAL AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW THE TLV

**RESPIRATORY PROTECTION:** WHEN RESPIRATORS ARE REQUIRED, SELECT NIOSH/MSHA APPROVED EQUIPMENT BASED ON ACTUAL OR POTENTIAL AIRBORNE CONCENTRATIONS A ND IN ACCORDANCE WITH THE APPROPRIATE REGULATORY STANDARDS AND/OR INDUSTRIAL RECOMMENDATIONS. UNDER NORMAL CONDITIONS, IN THE ABSENCE OF OTHER AIRBORNE CONTAMINANTS, THE FOLLOWING DEVICES SHOULD PROVIDE PROTECTION FROM THIS MATERIAL UP TO THE CONDITIONS SPECIFIED BY THE APPROPRIATE OSHA, WHMIS OR ANSI STANDARDS DUST/MIST FILTERING RESPIRATOR.

**GLOVES:** RUBBER TYPE, NEOPRENE OR PVC

**SECTION IX SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** USE PROPER SAFETY EQUIPMENT (SEE VIII) WHEN HANDLING. STORE IN A COOL, WELL -VENTILATED AREA. .

**HMIS HAZARD RATINGS:**

	NPCA-HMI	NFPA 704	KEY
HEALTH	1	1	4=SEVERE
FLAMMABILITY	0	0	3=SERIOUS
REACTIVITY	0	0	2=MODERATE
			1=SLIGHT
			0=MINIMAL

ADDITIONAL REGULATORY CONCERNS: (FEDERAL, FDA, USDA, CPSC, STATE, OTHER)FEDERAL:FDA:USDA:TSCA: IS THIS PRODUCT, OR ALL IT'S INGREDIENTS, BEING CERTIFIED FOR INCLUSION ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORYOF CHEMICAL SUBSTANCES? YES

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