

MATERIAL SAFETY DATA SHEET

PAR-WAY/TRYSON COMPANIES
107 BOLTE LANE PH: (314)629-4545
ST. CLAIR, MO 63077 FAX: (314)629-1330
(7:30-5:00 P.M. CST)

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SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME: VEGALENE
PRODUCT CLASS: AEROSOL PAN COATING
DATE PREPARED: 1-27-98
ITEM #:

HMS RATING	
HEALTH	1
FLAMMABILITY	4
REACTIVITY	1
P.P. EQUIPMENT	0

SECTION 2 HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	ACGIH	OSHA	OTHER	% OPTIONAL
VEGETABLE OILS: SOYBEAN,		NO LIMIT			
CANOLA, SUNFLOWER					
LECITHIN	N/A		N/A		
PROPANE/ISOBUTANE	68476-86-8	900 PPM			10-20%
FLAVORING	N/A		N/A		
BETA-CAROTENE	N/A		N/A		

THIS MSDS WAS PREPARED USING THE GUIDELINES SET BY CFR 29 1910.1200 AND SARA III

SECTION 3 PHYSICAL DATA

BOILING POINT: -43°F PROPELLANT	PERCENT VOLATILE: 15-20%
VAPOR PRESSURE: 72 PSIG @ 70° F	VOC (GRAM/LITRE): 163
VAPOR DENSITY: HEAVIER THAN AIR	EVAPORATION RATE: SLOWER THAN B-ACETATE
SPECIFIC GRAVITY: .92	SOLUBILITY IN WATER: NEGLIGIBLE
VISCOSITY: THIN	APPEARANCE: LIQUID UNDER PRESSURE

SECTION 4 FIRE AND EXPLOSION DATA

FLASH POINT: -156° F PROPELLANT 525° F CONCENTRATE
EXPLOSIVE LIMITS LOWER: 1.8% UPPER: 9.5%
EXTINGUISHING MEDIA: CO2, DRY CHEMICAL WATER MAY BE INEFFECTIVE
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, NITROGEN.
FIRE FIGHTING PROCEDURES AND EXPLOSION HAZARDS:
WEAR SELF CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN A POSITIVE
PRESSURE MODE. WATER FOG MAY BE USED TO HELP COOL CONTAINERS TO HELP MINIMIZE PRESSURE
BUILDUP. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND TO SOURCES OF
IGNITION. REPORTS HAVE BEEN MADE OF IGNITION FROM PILOT LIGHTS, HEATERS, ETC. AFTER VAPORS
HAVE BEEN MOVED BY VENTILATING FANS. EXPLODING CANS MAY TRAVEL GREAT DISTANCES SPEWING
BURNING MATERIAL. EXPOSURE TO TEMPERATURES OVER 120° F MAY CAUSE CANS TO BURST.

SECTION 5 REACTIVITY DATA

STABILITY: NORMALLY STABLE
INCOMPATIBILITY: STRONG OXIDIZERS, HEAT AND IGNITION SOURCES.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 6 HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVELS: 900 PPM PROPELLANT
ACUTE EFFECTS:
EYES: CAN CAUSE PAIN AND SLIGHT CORNEAL INJURY. VAPORS IRRITATE EYES.
SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION, DEFATTING.
BREATHING: MILDLY ANESTHETIC. NARCOTIC EFFECTS MAY BE SEEN IN THE 5000-10000 PPM RANGE.

VEGALENE (CONT.)

PROGRESSIVELY HIGHER LEVELS CAN CAUSE DIZZINESS, UNCONSCIOUSNESS AND DEATH.

CHRONIC EFFECTS:

TARGET ORGAN / SYSTEMATIC EFFECTS

EXCESSIVE EXPOSURE CAN CAUSE RESPIRATORY IRRITATION, LIVER OR KIDNEY DAMAGE.

FIRST AID:

EYES: IRRIGATE WITH WATER AT LEAST 10 MINUTES. HOLD LIDS OPEN AS IT HELPS PREVENT SCRATCHING AND MINIMIZE IRRITATION. SEEK MEDICAL ATTENTION AS MATERIAL MAY BECOME IMBEDDED.

SKIN: WASH WITH SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.

INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN AND OR POISON CONTROL CENTER IMMEDIATELY.

INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH TO MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT GIVE OXYGEN. CALL A PHYSICIAN AS EXCESSIVE MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY SYSTEM.

SECTION 7 PRECAUTIONS FOR STORAGE AND DISPOSAL

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

SMALL SPILLS: ABSORB WITH INERT MATERIAL AND DISPOSE IN TRASH.

LARGE SPILLS: NOT LIKELY WITH AEROSOL CANS. EXTINGUISH SOURCES OF IGNITION VENTILATE AREA TO REMOVE PROPELLANT VAPORS. BE CAUTIOUS OF LOW LYING AREAS WHERE VAPORS WILL ACCUMULATE. DO NOT ENTER AREAS WITHOUT PROTECTIVE EQUIPMENT. DO NOT ALLOW TO ENTER GROUND WATER OR SEWER SYSTEMS. ABSORB WITH INERT MATERIAL AND PLACE INTO WASTE DISPOSAL DRUMS. REPORT THE SPILL IF REQUIRED BY SARA III.

WASTE DISPOSAL METHODS: WHEN DISPOSING OF UNUSED CONTAINERS, THE PREFERRED METHOD IS TO SEND TO A LICENSED RECLAIMER OR INCINERATION FACILITY CAPABLE OF HANDLING AEROSOL CANS. DO NOT PUNCTURE OR INCINERATE WITHOUT THE PROPER EQUIPMENT AS EXPLOSIONS ARE LIKELY TO OCCUR WITH DISASTROUS EFFECTS. IN ALL INSTANCES DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL GUIDELINES.

SECTION 8 HANDLING PRECAUTIONS

VENTILATION: GENERAL VENTILATION SHOULD BE ADEQUATE FOR NORMAL USE. IF USING IN CONFINED AREAS USE NECESSARY MEANS OF VENTILATION TO KEEP FROM EXCEEDING THE TLV.

RESPIRATORY: IF USING IN AREAS WHERE THE TLV IS LIKELY TO BE EXCEEDED USE A NIOSH/MAS APPROVED RESPIRATOR.

SKIN: USE CHEMICAL RESISTANT GLOVES IF THE POSSIBILITY OF PROLONGED CONTACT EXISTS.

STORAGE: STORE BELOW 120° F. AVOID DIRECT SOURCES OF HEAT AND IGNITION. DO NOT USE DEFORMED OR DAMAGED CANS. KEEP OUT OF THE REACH OF CHILDREN. CONSULT LOCAL FIRE MARSHALL AND INSURANCE REPRESENTATIVES FOR SPECIFIC STORAGE REQUIREMENTS IN YOUR AREA. NFPA 30B KEEP OUT OF THE REACH OF CHILDREN

SECTION 9 TRANSPORTATION AND REGULATORY INFORMATION

PROPER SHIPPING NAME: COMPRESSED GAS N.O.S.

CONTAINER SIZE: SEVERAL SIZES ARE AVAILABLE

DOT CLASSIFICATION: FLAMMABLE GAS UN-1954

SARA III REPORTABLE QUANTITY: 25000 LBS.

DOT LABELING/PLACARD: CONSUMER COMMODITY ORM-D

NFPA 30B WAREHOUSE CLASSIFICATION: LEVEL 1

PROPELLANT: PROPANE/ISOBUTANE

DISCLAIMER:

THE FOREGOING INFORMATION HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF THE NEED THAT THE DATA IS CORRECT, APPLICABLE AND SUITABLE TO THEIR CIRCUMSTANCES. STANDARDS CHANGE WITHOUT NOTICE, IT IS THE RESPONSIBILITY OF THE RECIPIENT TO ASSURE THAT THEIR PERSONNEL HAVE BEEN NOTIFIED OF ANY CHANGES WHICH MAY EFFECT THEM. THE DATA PROVIDED ON THE MSDS ARE NOT MEANT TO BE USED AS SPECIFICATIONS, ONLY GUIDELINE INFORMATION AS TO SAFE USE OF THE PRODUCT. USER SHOULD ALSO REFER TO OSHA, STATE AND LOCAL SAFETY LAWS BEFORE USE.

PREPARED BY: ROBERT M. SMITH, TECHNICAL DIRECTOR