

M A T E R I A L S A F E T Y D A T A S H E E T

RED

640522 VERSION: 01 REVISED DATE: 09/02/1999

GELLY CANDLE
10 ROAD 1768

FARMINGTON, NM 87401

For MSDS Info:
GELLY CANDLE: (505) 325-7579

For Chemical Emergency
Call CHEMTREC - Day or Night
1-800-424-9300

----- H M I S -----
HEALTH 1 *
FLAMMABILITY 1
REACTIVITY 0
PERSONAL PROTECTION E

SECTION 01 - PRODUCT IDENTIFICATION

TRADE NAME: RED
PRODUCT CODE: 640522
VERSION NUMBER: 01
ALPHA CODE: NOT AVAILABLE
CAS NUMBER: 85-83-6
SYNONYMS: C.I. SOLVENT ORANGE 24, C.I.26105
CHEMICAL FAMILY: DIAZO
FORMULA: C24H20N4O
PRIMARY PRODUCT USE: COLORANT FOR VARIOUS INDUSTRIES

SECTION 02 - COMPOSITION INFORMATION ON HAZARDOUS INGREDIENTS

COMPONENT CAS NO. WT.% PEL/TLV
2-NAPHTHALENOL, 1-{{2-METHYL-4-{{(2- 85-83-6 100 NOT ESTABLISHED
METHYLPHENYL)_AZO}PHENYL}AZO}}-

SECTION 03 - HAZARDS IDENTIFICATION

(REFER TO SECTION 11 FOR ADDITIONAL INFORMATION)
EXPECTED ROUTE OF ENTRY:
SKIN CONTACT: X
SKIN ABSORPTION:
EYE CONTACT: X
INHALATION: X
INGESTION: X
EFFECTS OF EXPOSURE:
2-NAPHTHALENOL, 1-{{2-METHYL-4-{{(2-METHYLPHENYL)_AZO}PHENYL}AZO}}-:
HARMFUL
IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION.
EXPOSURE CAN CAUSE STOMACH PAINS, VOMITING AND DIARRHEA. CHRONIC EFFECTS
MAY OCCUR TO KIDNEYS AND EYES. POSSIBLE ANIMAL CARCINOGEN.
KNOWN EFFECTS ON OTHER ILLNESSES:
NO KNOWN EFFECTS ON OTHER ILLNESSES FOR THIS PRODUCT.
LISTED CARCINOGEN:

NONE: X

OSHA:
NTP:
IARC:
OTHER: X

SECTION 04 - FIRST AID MEASURES

FIRST AID FOR EYES:
IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15
MINUTES,
HOLDING LIDS APART TO ENSURE FLUSHING OF THE ENTIRE SURFACE. WASHING
EYES
WITHIN 1 MINUTE IS ESSENTIAL TO ACHIEVE MAXIMUM EFFECTIVENESS. SEEK
MEDICAL ATTENTION IMMEDIATELY.

FIRST AID FOR SKIN:
WASH THOROUGHLY WITH SOAP AND WATER FOR 15 MINUTES. IF SKIN IRRITATION
OCCURS, SEEK MEDICAL ATTENTION.

FIRST AID FOR INHALATION:
GET VICTIM TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF
BREATHING
HAS STOPPED. GET PROMPT MEDICAL ATTENTION. DO NOT GIVE FLUIDS IF VICTIM
IS
UNCONSCIOUS.

FIRST AID FOR INGESTION:
IF INGESTED, SEEK MEDICAL ASSISTANCE.

NOTE TO PHYSICIAN:
NO KNOWN ANTIDOTE. SUPPORTIVE THERAPY IS RECOMMENDED. MONITOR FOR
METHEMOGLOBIN FORMATION. MAY BE METABOLIZED TO YIELD FREE AMINE.

SECTION 05 - FIRE FIGHTING MEASURES

FLASH POINT ('F): NOT AVAILABLE
FLAMMABLE LIMITS:
LEL: UNKNOWN
UEL: UNKNOWN
AUTOIGNITION TEMPERATURE ('F): UNKNOWN
HAZARDOUS COMBUSTION PRODUCTS:
THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON, NITROGEN AND SULFUR.
EXTINGUISHING MEDIA:
WATER: X

ALCOHOL FOAM: X
CO2: X
DRY CHEMICAL: X
WATER/FOG SPRAY: X
NO EXTINGUISHING MEDIA:
SPECIAL FIRE FIGHTING PROCEDURES:
EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. USE NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE KNOWN

SECTION 06 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:
CONTAIN SPILL. SMALL SPILLS MAY BE FLUSHED TO THE SEWER OR ABSORBED ON
SUITABLE ABSORBANTS. LARGER SPILLS SHOULD BE COLLECTED AS LIQUID OR
ABSORBED. CLEAN UP MAY BE ACCOMPLISHED BY FLUSHING WITH WATER IF

APPROPRIATE OR REMOVE CONTAMINATED SOILS. PLACE IN APPROPRIATE
CONTAINERS.

SECTION 07 - HANDLING AND STORAGE

HANDLING AND STORAGE INFORMATION:
KEEP CONTAINERS CLOSED. AVOID GETTING ON SKIN OR IN EYES WHEN HANDLING
PRODUCT.

SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:
NONE REQUIRED IN NORMAL USE OF PRODUCT.
PROTECTIVE GLOVES:
BUTYL RUBBER, PVC OR NEOPRENE
EYE PROTECTION:
CHEMICAL SPLASH GOGGLES
OTHER PROTECTIVE EQUIPMENT:
EYEWASH FOUNTAIN
VENTILATION:
LOCAL VENTILATION RECOMMENDED - MECHANICAL VENTILATION MAY BE USED.

EXPOSURE LIMITS: NONE ON PRODUCT
IDLH (IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONCENTRATION):
NOT DETERMINED

SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: RED LIQUID, NO ODOR
ODOR THRESHOLD: NOT AVAILABLE
PH (% IN WATER): NOT AVAILABLE
SOLUBILITY IN WATER: INSOLUBLE
SPECIFIC GRAVITY: NOT AVAILABLE
BOILING POINT ('F): NOT AVAILABLE
MELTING POINT ('F): NOT AVAILABLE
FREEZING POINT ('F): NOT AVAILABLE
VAPOR PRESSURE(MM HG): NOT AVAILABLE
VAPOR DENSITY (AIR=1): NOT AVAILABLE
EVAPORATION RATE: NOT AVAILABLE
LOSS ON DRYING(%): NOT AVAILABLE
VOC(EPA METHOD 24/24A): NOT AVAILABLE
OCTANOL/WATER PARTITION COEFFICIENT:

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: STABLE
CONDITIONS TO AVOID: NONE
HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID: NONE KNOWN
INCOMPATIBILITY: STRONG OXIDIZING AGENTS

SECTION 11 - TOXICOLOGICAL INFORMATION

LD50 (ORAL-RAT): UNKNOWN MG/KG BODY WEIGHT

DERMAL IRRITATION-RABBIT: NOT TESTED
EYE IRRITATION-RABBIT: NOT TESTED

SECTION 12 - ECOLOGICAL INFORMATION

BIOLOGICAL ELIMINATION:

NONE % ANALYSIS: METHOD: NONE
AQUATIC TOXICITY:
SPECIES: NONE LC100: NONE MG/L TIME: H
SPECIES: NONE LC 50: NONE MG/L TIME: H
SPECIES: NONE LC 0: NONE MG/L TIME: H
BACTERIAL INHIBITION:
NO INHIBITION (MG/L): NOT DETERMINED
50% INHIBITION (MG/L): NOT DETERMINED
BIOCHEMICAL OXYGEN DEMAND(BOD5-MG/L): NOT DETERMINED
CHEMICAL OXYGEN DEMAND(COD-MG/L): NOT DETERMINED

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION:
SMALL QUANTITIES MAY BE TREATED IN AEROBIC WASTEWATER TREATMENT SYSTEMS.
LARGER QUANTITIES MAY BE INCINERATED OR LANDFILLED AFTER SOLIDIFICATION
IN
PERMITTED SYSTEMS.
RCRA HAZARDOUS WASTE: NO - NOT AS SOLD.
RCRA #: NONE
FOLLOW ALL LOCAL, STATE, AND FEDERAL REGULATIONS

SECTION 14 - TRANSPORT INFORMATION

DOT REGULATED: NO
HAZARD CLASSIFICATION: NOT REGULATED
SHIPPING NAME: TEXTILE DYEING OR PRINTING, CANDLES, WAX, PIGMENTED, OR
REDUCERS OR EXTENDERS, TEXTILE DYEING OR
PRINTING PASTE.
DOT REGULATED BULK ONLY: NO
CANADIAN TRANSPORT REGULATION: NOT DETERMINED
INTERNATIONAL AIR TRANSPORTATION REGULATIONS: NOT REGULATED
INTERNATIONAL MARITIME DANGEROUS GOODS REGULATION: NOT DETERMINED

SECTION 15 - REGULATORY INFORMATION

TSCA: WE CERTIFY THAT ALL COMPONENTS OF THIS PRODUCT ARE REGISTERED
UNDER
REGULATIONS OF THE TOXIC SUBSTANCES CONTROL ACT.
SARA (SECTION 311/312):
REACTIVE HAZARD: N
PRESSURE HAZARD: N
FIRE HAZARD: N
IMMEDIATE/ACUTE: Y
DELAYED/CHRONIC: Y
SARA(SECTION 302):
CONTAINS AN EXTREMELY HAZARDOUS SUBSTANCE: N
SARA(SECTION 313 - TOXIC CHEMICAL):

THIS PRODUCT DOES NOT CONTAIN ANY TOXIC CHEMICAL LISTED UNDER SECTION
313

OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986.
CLEAN WATER ACT - PRIORITY POLLUTANTS:
CONTAINS NO KNOWN PRIORITY POLLUTANTS AT CONCENTRATIONS GREATER THAN
0.1%.

CLEAN AIR ACT - VOLATILE ORGANIC COMPOUNDS:
VOC(EPA METHOD 24/24A): NOT AVAILABLE
LOSS ON DRYING (%): NOT AVAILABLE
CERCLA (FOR COMPONENTS LISTED IN SECTION 2): NO
LOWEST RQ: NONE
RCRA HAZARDOUS WASTE: NO - NOT AS SOLD.
RCRA #: NONE

FDA: THIS PRODUCT IS NOT REGISTERED WITH THE FDA
USDA: THIS PRODUCT IS NOT REGISTERED WITH THE USDA
CEPA: LISTED AS PRIORITY SUBSTANCE: NOT DETERMINED
LISTED AS TOXIC SUBSTANCE: NOT DETERMINED
EXPORT IS NOTIFIABLE: NOT DETERMINED
LISTED ON DSL: NOT DETERMINED
LISTED ON NDSL: NOT DETERMINED
CEPA STATUS:
PRODUCT NOT YET EVALUATED
WHMIS: NOT EVALUATED

SECTION 16 - OTHER INFORMATION

OTHER PRECAUTIONS:

THIS COLORANT OR A COMPONENT OF THIS COLORANT IS COVERED BY THE CONSUMER
ARTICLES ORDINANCE OF THE FEDERAL REPUBLIC OF GERMANY ENACTED JULY 15,
1994

THIS REGULATION BANS FROM USE IN GERMANY A VARIETY OF CONSUMER GOODS
WHICH
CONTAIN AZO DYES OR PIGMENTS THAT ON CLEAVAGE OF ONE OR MORE OF THE AZO
GROUPS WOULD FORM ANY OF 20 SPECIFICALLY LISTED AROMATIC AMINES
CLASSIFIED

AS CARCINOGENIC.

STATE REGULATORY INFORMATION:

PENNSYLVANIA: AS NOTED PER SECTION 2.

MASSACHUSETTS: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS
CHEMICAL

AS LISTED IN THE MASSACHUSETTS SUBSTANCE LIST IS SHOWN
ABOVE IN SECTION 2 OF THIS MSDS. NON-HAZARDOUS COMPONENTS
ARE BEING WITHHELD AS TRADE SECRET INFORMATION.

LABEL INFORMATION:

LABEL HAZARDS:

CAUTION!

MAY CAUSE EYE AND SKIN IRRITATION.

CAUTION!

IRRITATING TO MOUTH, THROAT, MUCOUS MEMBRANES. HARMFUL IF INHALED OR
INGESTED.

CAUTION!

POSSIBLE TUMORIGENIC EFFECTS HAVE BEEN REPORTED FOR THIS PRODUCT.

LABEL PRECAUTIONS:

AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER
HANDLING. WEAR PROPER PROTECTIVE EQUIPMENT.

IN ACCORDANCE WITH GOOD PRACTICES OF PERSONAL CLEANLINESS AND HYGIENE,

HANDLE WITH DUE CARE AND AVOID UNNECESSARY CONTACT WITH THIS PRODUCT.
THIS INFORMATION IS BEING SUPPLIED TO YOU UNDER OSHA "RIGHT TO KNOW"
REGULATION 29 CFR 1910.1200 AND IS OFFERED IN GOOD FAITH AS TYPICAL

VALUES AND NOT AS A PRODUCT SPECIFICATION. THE INFORMATION CONTAINED
HEREIN IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE TRUE
AND ACCURATE.
NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THIS DATA,
THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL, OR THE RESULTS TO BE
OBTAINED FROM THE USE THEREOF, IS MADE. CLARIANT CORPORATION ASSUMES
NO RESPONSIBILITY FOR DAMAGE OR INJURY FROM THE USE OF THE PRODUCT
DESCRIBED HEREIN.
GELLY CANDLE