

MATERIAL SAFETY DATA SHEET

IIVUS MARKETING INC

19110 COUNTRY HILLS DRIVE, CA 96022

PRODUCT CODE: 2008

REVISION: 0
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SUPERSEDES:

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME: TOUCH OF ORANGES

CHEMICAL NAME: PETROLEUM HYDROCARBON-SOLVENT BLEND
DOT HAZARD CLASS: NONE

HAZARD RATING (NFPA 704)	HAZARD RATING	PROTECTIVE EQUIPMENT
HEALTH: 1	0=MINIMAL	A=GOGGLES
FIRE: 2	1=SLIGHT	B=GOGGLES, GLOVES
REACTIVITY: 0	2=MODERATE	C=GOGGLES, GLOVES, APRON
PROTECTIVE EQUIPMENT: B	3=SERIOUS	D=GOGGLES, GLOVES, APRON, FACE SHIELD
	4=SEVERE	E=GOGGLES, GLOVES, RESPIRATOR

CHEMTREC'S 24 HOUR EMERGENCY TELEPHONE NUMBER 800-424-9300

SECTION II HAZARDOUS INGREDIENTS

SUBSTANCES LISTED IN THIS SECTION ARE THOSE IDENTIFIED AS BEING PRESENT AT A CONCENTRATION OF 1% OR GREATER, OR 0.1% IF THE SUBSTANCE IS ON THE LIST OF POTENTIAL CARCINOGENS CITED IN OSHA HAZARD COMMUNICATION STANDARD.

MATERIAL	CAS#	AMOUNT (WT.%)	TLV	PEL
PETROLEUM DISTILATE	6472-47-8	≥30	100 ppm	100 ppm

SECTION III PHYSICAL DATA

BOILING POINT : 180 °F
VAPOR PRESSURE: N/A
VAPOR DENSITY: (AIR=1): >1
EVAPORATION RATE (BUTYL ACETATE=1): >1
PH CONCENTRATE: N/A
DESCRIPTION: CLEAR YELLOW SOLUTION, ORANGE ODOR

VOLATILE : >92%
SOLUBILITY IN WATER: COMPLETE
SPECIFIC GRAVITY: 0.780
VISCOSITY: 25 CPS @ 68 °F

SECTION IV FIRE AND EXPLOSION HAZARDS

FLASH POINTS: 140 °F
FLAMMABLE LIMITS LEL/UEL: 1% / 5%
METHOD USED: C.O.C.
EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICALS.

UNUSUAL FIRE OR EXPLOSIVE HAZARD: WELDING OR CUTTING TORCH USED ON OR NEAR DRUMS (EVEN EMPTY) MAY IGNITE EXPLOSION. VAPORS, WHICH ARE HEAVIER THAN AIR, MAY TRAVEL ALONG THE GROUND AND IGNITED BY OTHER FLAMES OR IGNITION SOURCES.

FIREFIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRE.

SECTION V HEALTH HAZARD DATA

EYE CONTACT: LIQUID AND MIST WILL IRRITATE EYES. OTHER SYMPTOMS INCLUDE STINGING, TEARING, AND REDNESS.

INHALATION: EXPOSURE TO VAPOR OR MIST IS POSSIBLE. SHORT TERM EXPOSURE DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. HOWEVER, BREATHING LARGE AMOUNTS MAY CAUSE IRRITATION OF NOSE, THROAT, RESPIRATORY TRACT. DETRIMENTAL EFFECTS ON THE CENTRAL NERVOUS SYSTEM INCLUDE DIZZINESS, DROWSINESS, NAUSEA, HEADACHE, UNCONSCIOUSNESS UPON INHALING HIGH CONCENTRATION

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, OR DIARRHEA. THE MATERIAL MAY ENTER THE LUNGS, DURING SWALLOWING OR VOMITING, AND CAUSE LUNG INFLAMMABLE/DAMAGE.

SKIN CONTACT: IRRITATION, REDNESS, ITCHING, DRYING, CRACKING, OR BURNING UPON PROLONGED CONTACT.

FIRST AID MEASURES

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LOTS OF RUNNING WATER FOR 15 MINUTES, LIFTING THE UPPER AND LOWER EYELIDS TO ENSURE FLUSHING OF THE ENTIRE SURFACE. SEEK MEDICAL ATTENTION IMMEDIATELY.

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: DO NOT INDUCE VOMITING. TRANSPORT THE VICTIM TO A NEAREST MEDICAL FACILITY/HOSPITAL IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO THE VICTIM WITHOUT PHYSICIAN CONSENT. DO NOT LEAVE THE VICTIM UNATTENDED.

SKIN CONTACT: WASH SKIN WITH SOAPS AND LOTS OF WATER. IF IRRITATION OCCURS AND PERSISTS SEEK MEDICAL ATTENTION AS NEEDED.

SECTION VI REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZERS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: HEAT, OPEN FLAME, IGNITION SOURCES.

HAZARDOUS DECOMPOSITION: MAY FORM TOXIC MATERIALS SUCH AS CARBON DIOXIDE, CARBON MONOXIDE, VARIOUS HYDROCARBONS.

SECTION VII SPILL OR LEAK PROCEDURES

CLEAN-UP PROCEDURES: ELIMINATE ALL IGNITION SOURCES. STOP SPILL AT SOURCE. ISOLATE SPILLED AREA. MOP UP, ABSORB SPILLS WITH ABSORBENT MATERIAL, AND STORE MATERIAL IN SEALABLE CONTAINERS FOR DISPOSAL. IF RUN-OFF OCCUR, NOTIFY AUTHORITIES AS REQUIRED. PREVENT RUN-OFF TO SEWERS, STREAMS, OR ANY BODIES OF WATER.

RECOMMENDED WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. NOTIFY APPLICABLE AUTHORITIES OF SPILLS, DISPOSAL METHODS.

SECTION VIII SPECIAL PROTECTION DATA

RESPIRATORY PROTECTION: NIOSH-APPROVED AIR SUPPLY RESPIRATOR IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

EYE PROTECTION: SAFETY GOGGLES.

PROTECTIVE CLOTHING: RUBBER GLOVES, FULL-LENGTH CLOTHING.

VENTILATION: MECHANICAL LOCAL EXHAUST.

OTHER PROTECTIVE MEASURES: EYEWASH FOUNTAIN AND SAFETY SHOWER.

SECTION IX**SPECIAL PRECAUTION**

HYGIENIC PRACTICES IN HANDLING STORING: WASH THOROUGHLY AFTER HANDLING. DO NOT EAT, DRINK, SMOKE IN THE WORKING AREAS.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL, DRY, VENTILATED AREAS. ALL FIVE GALLON PAILS AND LARGER METAL CONTAINERS SHOULD BE GROUNDED AND/OR BONDED WHEN MATERIAL IS TRANSFERRED.

DISPOSAL OF EMPTY CONTAINER: EMPTY CONTAINERS SHOULD BE TRIPLE RINSED WITH WATER AND DISPOSED OF PURSUANT TO LOCAL, STATE, AND FEDERAL REQUIREMENTS.

SECTION X**USER'S RESPONSIBILITY**

THE RESPONSIBILITY TO PROVIDE A SAFE WORKPLACE REMAINS WITH THE USER. THE USER SHOULD CONSIDER THE HEALTH HAZARD AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE AND SHOULD TAKE THOSE PRECAUTIONS REQUIRED IN AN INDIVIDUAL OPERATION TO INSTRUCT EMPLOYEES AND DEVELOP WORK PRACTICE PROCEDURES FOR A SAFE WORK ENVIRONMENT.

THE INFORMATION CONTAINED HEREIN, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, IS ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Revisions