

*** MATERIAL SAFETY DATA SHEET*****FOR CHEMICAL EMERGENCY CALL INFOTRAC: 1-800-535-5053**

DISTRIBUTED BY:
JET STREAM AVIATION PRODUCTS, INC
7515 LEMMON AVE, BLDG J
DALLAS, TX 75209

PRODUCT INFORMATION: 214-351-3400
DATE OF ISSUE: JANUARY 1, 2009

IDENTIFICATION /

PRODUCT NAME: **MIRROR IMAGE SWIRL REMOVER**
PRODUCT TYPE: METAL POLISH
DOT HAZARD CLASSIFICATION: NONE

COMPONENTS /

<u>INGREDIENT</u>	<u>% BY WEIGHT</u>	<u>PEL</u>	<u>TLV</u>	<u>NOTE</u>
ALIPHATIC PETROLEUM DISTILLATES CAS #: 64742-88-7	56.2% APPROX	100PPM	100PPM	(1)
ALIPHATIC HYDROCARBONS (STODDARD TYPE)	9.9%	100PPM	100PPM	(1)

NOTES: (1) NIOSH RECOMMENDS A LIMIT OF 350 MG/CUM—8 HOUR TIME WEIGHTED AVERAGE, 1800 MG/CUM AS DETERMINED BY A 15 MINUTE SAMPLE.

PHYSICAL DATA /

BOILING POINT: FOR PRODUCT 355.00 Deg F (174.44 Deg C) @ 760.00 mmHg
VAPOR PRESSURE: FOR PRODUCT 0.50 mm Hg @ 68.00 Deg F (20.00 Deg C)
SPECIFIC VAPOR DENSITY: AIR = 1 5.4
SPECIFIC GRAVITY: FOR COMPONENTS .770 @ 60.00 Deg F (15.55 Deg C)
MELTING POINT: N/A
PERCENT VOLATILES: FOR PRODUCT 64.5% (APPROX)
EVAPORATION RATE: ETHER = 1 151.00
SOLUBILITY IN WATER: FOR PRODUCT INSOLUBLE
APPEARANCE AND ODOR: FOR PRODUCT COTTON IMPREGNATED WITH SOLVENT, GREEN COLOR, SLIGHT ODOR.

FIRE AND EXPLOSION DATA /

FLASH POINT: 136 Deg F (58 Deg C) - TAG CLOSED CUP/ASTM D56-44
EXPLOSIVE LIMIT: LOWER - 1.0% UPPER - NAIF
EXTINGUISHING MEDIA: (1) FOAM, (2) DRY CHEMICAL, (3) CO₂, (4) WATER FOG
HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS: CARBON DIOXIDE, CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC.
FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES. WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIA, BUT HELPFUL IN KEEPING ADJACENT CONTAINERS COOL. AVOID SPREADING BURNING MATERIAL WITH WATER USED FOR COOLING PURPOSES.

SPECIAL FIRE AND EXPLOSION HAZARDS: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY HEAT, PILOT LIGHTS, OTHER FLAMES AND IGNITION SOURCES DISTANT FROM MATERIAL HANDLING POINT.

NFPA CODES: HEALTH—0 FLAMMABILITY—2 REACTIVITY—0

MATERIAL SAFETY DATA SHEET

PRODUCT: **MIRROR IMAGE SWIRL REMOVER**
 JET STREAM AVIATION PRODUCTS, INC
 FOR CHEMICAL EMERGENCY CALL INFOTRAC: 1-800-535-5053

REACTIVITY /

HAZARDOUS POLYMERIZATION: CANNOT OCCUR.
 STABILITY: STABLE
 INCOMPATIBILITY: AVOID CONTACT WITH: STRONG OXIDIZING AGENTS.

HEALTH HAZARD DATA /

PERMISSIBLE EXPOSURE LEVEL: 100PPM THRESHOLD LIMIT VALUE: 100PPM
 EFFECTS OF ACUTE OVEREXPOSURE: FOR PRODUCT
 EYES: CAN CAUSE IRRITATION
 SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITUS.
 BREATHING: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, AND POSSIBLE UNCONSCIOUSNESS. NARCOSIS AT VERY HIGH CONCENTRATIONS.
 SWALLOWING: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF THIS MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

FIRST AID

IF ON SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE.
 IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.
 IF SWALLOWED: DO NOT INDUCE VOMITING. KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.
 IF BREATHED: IF AFFECTED, REMOVE PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION.

SPILL OR LEAK PROCEDURES /

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

ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. SOLID MATERIAL SHOULD BE SHOVELED INTO CONTAINERS. ANY REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: IF WORKPLACE EXPOSURE LIMIT(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION 2) A NIOSH/MSMA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSMA RESPIRATORS (NEGATIVE PRESSURE TYPE) UNDER SPECIFIED CONDITIONS (SEE YOUR SAFETY EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

CONTINUED ON PAGE 3

MATERIAL SAFETY DATA SHEET

PRODUCT: **MIRROR IMAGE SWIRL REMOVER**
JET STREAM AVIATION PRODUCTS, INC
FOR CHEMICAL EMERGENCY CALL INFOTRAC: 1-800-535-5053

PROTECTIVE EQUIPMENT TO BE USED /...CONTINUED FROM PAGE 2

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(s).

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS: NITRILE RUBBER

EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED. HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPES OF SAFETY GLASSES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER).

OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

OTHER COMMENTS /

THE INFORMATION INCLUDED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT, RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.
