



SAFETY DATA SHEET

Flyers Speed Wax

Revision Date 3/28/2016

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Flyers Speed Wax **Item** FSW
Product Use Liquid Polish Wax
Company Name Jet Stream Aviation Products **Office** (972) 542-2400
1971 University Business Dr. Suite 102 **Fax** (972) 542-0238
McKinney Tx 75071 **Web** www.jetstreamproducts.com
EMERGENCY TELEPHONE NUMBER **INFOTRAC** **(800) 535-5053**

SECTION – 2 HAZARDS INFORMATION

Physical Hazards FLAMMABLE LIQUIDS-Category 3
Health Hazards EYES-Category 2A; SKIN-Category 2; STOT SINGLE EXPOSURE-Category 3



Flammables

Irritant (skin and eye)
Respiratory Tract Irritant

WARNING Flammable liquid and vapor, (Liquid does not sustain combustion, Not Regulated by DOT)
Causes serious eye irritation, Causes skin irritation, May cause respiratory irritation
Vapors may flash in a confined space or when heated, liquid does not sustain combustion, Keep away from flames and hot surfaces, May be harmful if swallowed, Do not get in eyes, on skin, or clothing, and avoid inhalation of dust, Wear safety glasses, rubber gloves, and dust mask, Wash thoroughly with soap and water after handling, Avoid release into the environment

SECTION – 3 COMPOSITION INFORMATION

(Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

CHEMICAL NAME	COMMON NAME AND SYNONYMS	CAS #	IMPURITIES	PERCENT
Odorless Mineral Spirits	Isoalkanes C10-C13, Hydrocarbon Solvent	68551-17-7		15 - 25%
The remaining ingredients do not meet the reporting requirements under OSHA Hazard Communication Standard (29 CFR 1910.1200)				

SECTION – 4 FIRST AID MEASURES

EYE CONTACT Immediately flush eyes with cold water for several minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid

SKIN CONTACT Wash contaminated skin with plenty of water, Remove any contaminated clothing and wash before reuse, If irritation occurs or persists seek medical aid

INHALATION Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention

INGESTION DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out and give one to two glasses of water to dilute and obtain immediate medical attention

Aspiration Hazard Not considered to be an aspiration hazard due to product viscosity. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into the lungs, Can be harmful if swallowed and enters airways

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause serious eye irritation, discomfort, redness, tearing
Skin Can cause skin irritation, itching, redness, drying or cracking
Inhalation Mist or vapor may cause mild irritation, to respiratory tract
Ingestion May be harmful if swallowed, May cause irritation, of the mouth, throat, and esophagus

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye irritation, redness, tearing, burning, or pain
Skin Causes skin irritation, itching, redness, burning, drying or cracking
Inhalation Mist or vapor may cause irritation, to mucus membranes or respiratory tract
Ingestion May be harmful if swallowed, May cause irritation, of the mouth, throat, esophagus, and stomach, Symptoms may include, dizziness, drowsiness, nausea, vomiting, abdominal pain, central nervous system depression

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media Does not sustain combustion, Use extinguishing media for surrounding fire

Hazardous Decomposition Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, silicon oxides, and other toxic fumes

Reactive With Reactive with, strong reducing agents, strong bases, strong acids

Explosion Hazards May flash if heated and ignited in an enclosed area

Static Discharge Not expected to ignite product

Mechanical Impact Not applicable

Protective Equipment Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Warn personnel of spill
Personal Precautions	Eliminate ignition sources and ventilate area, Avoid slipping on spilled product
Protective Equipment	Safety Glasses, Gloves
Containment	Use sand or inert non-combustible absorbent pads to prevent spill from spreading, Prevent spill from entering the environment
Clean Up Procedures	Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water
Disposal	Dispose of material in accordance with all State and Federal Guidelines and Regulations

SECTION – 7 HANDLING AND STORAGE

Handling	Avoid eye and prolonged skin contact, Avoid inhalation of dust, May be harmful if swallowed, Do not smoke, eat or drink while using, Wash thoroughly after handling, Avoid release to the environment
Storage	KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible materials, Store below 49°C (120°F) and in accordance with Class II Combustible Liquids (GHS Category 3)
Incompatible Materials	Incompatible with, strong oxidizing agents, strong bases, strong acids

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS**

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Significant Exposure
Odorless Mineral Spirits	None	Established			

PERSONAL PROTECTIVE EQUIPMENTChemical Safety Glasses,
Goggles or Face ShieldImpervious
Chemical Gloves

Dust Mask

Eye Wash
(Recommended)**Ventilation**

General Ventilation

If exposure limits listed above are exceeded, or irritation is experienced, use a MSHA / NIOSH approved dust mask or respirator

HMIS HAZARD RATING

Health	1
Flammability	2
Reactivity	0
Personal Protection	E

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	41.1°C (106°F) - Pensky-Marten Closed Cup	Specific Gravity / Density	1.085
Flammable Limits	Does not sustain combustion (ASTM D4206)	pH (± 0.3)	8.5
Auto-Ignition Temp.	ND	Viscosity	ND
Physical State	Viscous Liquid	Freeze Point	~ 0°C (32°F)
Appearance	Opaque Yellow Cream	Boiling Point	~ 100°C (212°F)
Odor	Light Solvent	Vapor Density (air=1)	ND
Odor Threshold	ND	Vapor Pressure (mm Hg)	ND
Solubility	< 70%	Evaporation Rate (nBuAc=1)	ND
Volatiles	< 89%	Partition Coefficient	ND
VOC	< 21%	Molecular Weight (g/mol)	~ 87.41
LVP-VOC	0.0%	Decomposition Temperature	ND

SECTION – 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data)	None available
Chemical Stability	Stable at normal ambient temperature and pressure
Hazardous Polymerization	Will not occur
Conditions To Avoid	Incompatible materials
Incompatible Materials	Incompatible with, strong oxidizing agents, strong bases, strong acids
Thermal Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, silicon oxides, and other toxic fumes

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Ingestion (Yes), Inhalation (Yes "Dust")

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

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Acute Tox Calculated **Oral:** > 5,000 mg/kg **Dermal:** > 5, 000 mg/kg **Inhaled:** > 50.0 mg/L

Acute Tox Category Not applicable (Oral >5000 mg/kg), Not applicable (Dermal >5000 mg/kg), Not applicable (Inhaled >50 mg/L) Vapors

Additional Info

Target Organs Respiratory Tract, Eyes (Lens or cornea), Skin
Medical Conditions Preexisting, eye, skin, central nervous system, respiratory, disorders may be aggravated by exposure to this product
Notes to Physician Probable mucosal damage may contraindicate the use of gastric lavage, Contains petroleum distillate vomiting may cause aspiration pneumonia

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

<u>CHEMICAL NAME</u>	<u>NTP</u>	<u>ACGIH</u>	<u>IARC</u>	<u>GHS Category</u>
None Listed	NA	NA	NA	NA

MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:

<u>CHEMICAL NAME</u>	<u>Germ Cell Mutagenicity</u>	<u>Toxic to Reproduction</u>
None Listed	NA	NA

COMPONENTS ACUTE TOXICITY

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Form</u>	<u>Subject</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Odorless Mineral Spirits	LD50	Oral	Rat	> 5,000 mg/kg		(>2000 mg/kg)
	LC50	Inhaled	Rat	> 20 mg/L	4 Hours (Vapor)	(>20 mg/L)
	LD50	Dermal	Rabbit	> 5,000 mg/kg		(>2000 mg/kg)

SECTION – 12 ECOLOGICAL INFORMATION

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Subject</u>	<u>Subject Latin</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Odorless Mineral Spirits		No data available				
Presistence And Degradability	This product is inherently biodegradable according to the OECD definition					
Bioaccumulative Potential	There is no evidence to suggest bioaccumulation will occur					
Mobility In Soil	This material is a partially mobile liquid					
Other Adverse Effects	May be harmful to aquatic life					

SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER
Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

ENVIRONMENTAL FATE

Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate

SECTION – 14 TRANSPORT INFORMATION**DOT CLASSIFICATION**

<u>UN Number</u>	<u>Proper Shipping Name</u> n.o.s. (Chemicals) or "Limits"						
Not Regulated	Non Regulated Material						
<u>Hazard Class</u>	<u>Packing Group</u>	<u>Label Codes</u>	<u>Reportable Quantity (lbs)</u>	<u>Response</u>	<u>Marine Pollutant</u>	<u>Hazard Label</u>	<u>Secondary</u>
None	None	None	None	128	No		
Additional Info:	Liquid does not sustain combustion by the prescribed procedure in the 49 CFR §173.120(b)(3)						

SECTION – 15 REGULATORY INFORMATION														
TSCA														
CHEMICAL NAME	Sec 8(b) Inventory			Sec 8(d) Health And Safety			Sec 4(a) Chemical Test Rules			Sec 12(b) Export Notification				
None Listed														
REPORTABLE QUANTITIES														
CHEMICAL NAME	Extremely Hazardous			Reportable Quantity			Emission Reporting							
	EPCRA TPQ Sec 302			EPCRA RQ Sec 304			CERCLA RQ Sec 103			TRI Sec 313		RCRA Code		RMP TQ Sec 112r
None Listed														
SARA														
	Section 311						Section 311 / 312 Hazards							
CHEMICAL NAME	Hazardous Chemical			Acute		Chronic		Flammable		Pressure		Reactive		
Odorless Mineral Spirits	Yes							Yes						
RIGHT TO KNOW														
	STATE													
CHEMICAL NAME	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI	
Odorless Mineral Spirits						Yes		Yes						
CALIFORNIA														
WARNING! This product contains chemicals known to the state of California to cause:														
CHEMICAL NAME	CAS #	Birth Defects		Reproductive Harm			Carcinogen			Developmental				
None Listed														
CLEAN AIR WATER ACTS														
	Clean Air Acts			Clean Water Acts										
CHEMICAL NAME	CAS #	HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP							
Odorless Mineral Spirits	68551-17-7				Yes (Oil)									
INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:														
CHEMICAL NAME	Australia		Canada		Europe (EINECS)			Japan		Korea		UK		
None Listed														
WHMIS Classification														
CHEMICAL NAME	DSL	Class	Description											
Odorless Mineral Spirits	Yes	B-3	Combustible Liquids; Flashpoint ≥ 37.8° C (100°F) ≤ 93.3°C (200°F)											

SECTION – 16 OTHER INFORMATION	
SDS	LEGEND DESCRIPTION
ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service Registry
CEIL	Ceiling Limit (15 minutes)
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act
CI	Cochlear Impairment
CNS	Central Nervous System
EC50	Concentration of a chemical that gives half-maximal response
EPA	Environmental Protection Agency
Eye	(EI = Irritation) (ED = Damage) (EV = Visual Impairment)
FBG	Full Bunker Gear
GHS	Globally Harmonized System
HAP	California Hazardous air pollutant Clean Air Act
HMIS-A	Safety Glasses
HMIS-B	Safety glasses, gloves
HMIS-C	Safety glasses, gloves, chemical apron
HMIS-D	Face shield, gloves, chemical apron
HMIS-E	Safety glasses, gloves, dust respirator
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator
HMIS-G	Safety glasses, gloves, vapor respirator
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator
HMIS-I	Safety glasses, gloves, dust and vapor respirator
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots
HMIS-X	Ask Supervisor
HS	California Hazardous Substance under the Clean Water Act
KD	Kidney Damage (nephropathy)
LC50	A concentration that is lethal to 50% of a given species in a given time
LD50	Dose that is lethal to 50% of a given species by a given route of exposure
LEL	Lower Explosive Limit
LD	Liver Damage
NA	Not Applicable
ND	Not Determined
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NE	Not Established
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit (OSHA)
PNS	Peripheral Nervous System
PP	California Priority Pollutant under the Clean Water Act
REL	Recommended exposure limit (NIOSH)
RT	Upper Respiratory Tract
Skin	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit (15 minutes)
TC Lo	Lowest concentration that is toxic to a given species in a given time
TD Lo	Lowest dose that is toxic to a given species
TLV	Threshold Limit Value (ACGIH)
TP	California Toxic Pollutant under the Clean Water Act
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average (8 hours)
UEL	Upper Explosive Limit

Jet Stream Aviation Products

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