



SAFETY DATA SHEET

Quick Turn

Revision Date 11/2/2015

SECTION - 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Quick Turn **ITEM** QT
PRODUCT USE Aircraft Trip Ready Spray And Wipe
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

Health Hazards EYES-Category 2B

WARNING Causes eye irritation
May cause mild skin irritation, May be harmful if swallowed, Avoid eye or skin contact, Use personal protective equipment as required, Wash thoroughly after handling

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
Isopropyl Alcohol	Isopropanol, 2-propanol	67-63-0	Water <1%	1 - 3%

SECTION - 4 FIRST AID MEASURES

EYE CONTACT Flush eyes with cold water 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 with water

INHALATION Not Applicable

INGESTION DO NOT INDUCE VOMITING. If person is fully conscious give one to two glasses of water to dilute and obtain immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the lungs

Aspiration Hazard Not applicable

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause eye irritation

Skin May cause mild skin irritation

Inhalation Not applicable

Ingestion May be harmful if swallowed, May cause irritation, of the mouth, and throat

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes eye irritation, discomfort, redness, tearing

Skin May cause skin irritation

Inhalation Spray mist may cause mild irritation

Ingestion May be harmful if swallowed, May cause irritation, of the mouth, and throat, May affect target organs

SECTION - 5 FIRE FIGHTING MEASURES

Extinguishing Media Not flammable: Use extinguishing media for surrounding fire

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

Reactive With Reactive with, strong oxidizing agents

Explosion Hazards Not applicable

Static Discharge Not applicable

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	Avoid slipping on spilled product
Protective Equipment	Safety Glasses, Gloves
Containment	Use rags or towels to prevent spill from spreading
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	Use appropriate safety equipment, Avoid eye and skin contact, May be harmful if swallowed, Wash thoroughly after handling, Avoid release to the environment
Storage	KEEP OUT OF REACH OF CHILDREN, Store away from incompatible materials
Incompatible Materials	Incompatible with, strong oxidizing agents

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

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Significant Exposure
Isopropyl Alcohol	200 ppm (A4)	400 ppm	400 ppm	400 ppm	CNS

PERSONAL PROTECTIVE EQUIPMENT

Not Normally Required

Eye Wash
(Recommended)**Ventilation**

General Ventilation

HMIS HAZARD RATINGS

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	> 93.3°C (200°F) - TAG Closed Cup	Specific Gravity / Density	0.998
Flammable Limits	ND	pH (± 0.3)	7.0
Auto-Ignition Temp.	ND	Viscosity	ND
Physical State	Liquid	Freeze Point	0°C (32°F)
Appearance	Clear Yellow	Boiling Point	100°C (212°F)
Odor	Pleasant	Vapor Density (air=1)	ND
Odor Threshold	ND	Vapor Pressure (mm Hg)	ND
Solubility	100%	Evaporation Rate (nBuAc=1)	ND
Volatiles	> 90%	Partition Coefficient	ND
VOC	< 2%	Molecular Weight (g/mol)	~19.63
LVP-VOC	0%	Decomposition Temperature	ND

SECTION – 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data)	None available
Chemical Stability	Stable under normal ambient and anticipated conditions of use
Hazardous Polymerization	Will not occur
Conditions To Avoid	Incompatible materials
Incompatible Materials	Incompatible with, strong oxidizing agents
Thermal Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes

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

Eyes (Yes), Ingestion (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause eye irritation
Skin May cause mild skin irritation
Inhalation Not applicable
Ingestion May be harmful if swallowed, May cause irritation, of the mouth, and throat

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes eye irritation, discomfort, redness, tearing
Skin May cause skin irritation
Inhalation Spray mist may cause mild irritation
Ingestion May be harmful if swallowed, May cause irritation, of the mouth, and throat, May affect target organs

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

Acute Tox Category No Data or NA (Oral >5000 mg/kg), No Data or NA (Dermal > 5000 mg/kg), No Data or NA (Inhaled >50 mg/L) Vapors

Additional Info

Target Organs Kidneys, Liver, Eyes (Lens or cornea), Skin
Medical Conditions Preexisting, eye, liver, kidney, disorders may be aggravated by exposure to this product
Notes to Physician In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

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>
Isopropyl Alcohol	LD50	Oral	Rat	5,045 mg/kg		(>2000 mg/kg)
	LD50	Dermal	Rabbit	12,870 mg/kg		(>2000 mg/kg)
	LC50	Inhalation	Rat	78.6 mg/L	4 Hours (Vapor)	(>20 mg/L)

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>
Isopropyl Alcohol	LC50	Fish	(Leuciscus idus)	>100 mg/L	96 Hours	4 (>100 mg/L)
	LC50	Fathead Minnow	(Pimephales promelas)	9,640 mg/L	96 Hours	4 (>100 mg/L)
	EC50	Water Flea	(Daphnia magna)	5,102 mg/L	24 Hours	4 (>100 mg/L)

Presistence And Degradability This product is readily biodegradable according to the OECD definition

Bioaccumulative Potential There is no evidence to suggest bioaccumulation will occur

Mobility In Soil This material is a mobile liquid

Other Adverse Effects May be harmful to aquatic life

SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY STORM 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**

UN Number **Proper Shipping Name** n.o.s. (Chemicals) or "Limits"

Not Regulated Non Hazardous – Compounds Cleaning Liquid

<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	154	No		

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			
Isopropyl Alcohol	Yes			Yes									
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							
2-Propanol							Yes						
SARA													
CHEMICAL NAME	Section 311			Section 311 / 312 Hazards									
	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive							
Isopropyl Alcohol	Yes	Yes	Yes	Yes									
RIGHT TO KNOW													
CHEMICAL NAME	STATE												
	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Isopropyl Alcohol			Yes			Yes		Yes		Yes	Yes	Yes	Yes
CALIFORNIA													
CHEMICAL NAME	CAS #	WARNING! This product contains chemicals known to the state of California to cause:											
		Birth Defects	Reproductive Harm	Carcinogen	Developmental								
None Listed													
CLEAN AIR WATER ACTS													
CHEMICAL NAME	CAS #	Clean Air Acts				Clean Water Acts							
		HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP						
None Listed													
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		
Isopropyl Alcohol	Yes		Yes		Yes		Yes		Yes		Yes		
WHMIS Classification													
CHEMICAL NAME	DSL	Class	Description										
Isopropyl Alcohol	Yes	D-2B	Materials Causing Other Toxic Effects; Toxic Material										

SECTION – 16 OTHER INFORMATION**SDS LEGEND DESCRIPTION**

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

Jet Stream Aviation Products

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