

Safety Data Sheet
DICE Flash 190

SECTION I - IDENTIFICATION

PRODUCT NAME: DICE Flash 190
PRODUCT CODE: 106230
PRODUCT USE: Fuel Additive
COMPANY NAME: Aviation Laboratories
COMPANY ADDRESS: 5401 Mitchelldale #B-6 Houston, TX 77092
COMPANY PHONE: 713-896-8188
EMERGENCY PHONE: 800-255-3924

SECTION II - HAZARDS IDENTIFICATION

CLASSIFICATION: Compressed Gas
HAZARD STATEMENT(S): **WARNING:** Pressurized container: May burst if heated.
This product contains the following percentage of chemicals of unknown toxicity: 0.0%
PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.



SYMBOL:
HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Diethylene glycol monomethyl ether	111-77-3	60-100%
Nitrogen Industrial Grade	7727-37-9	1-5%

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.
INGESTION: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.
INHALATION: Move to fresh air. If breathing difficulty persists, seek medical attention.
SKIN: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.
ACUTE HEALTH HAZARDS: None Known
CHRONIC HEALTH HAZARDS: None known
NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION V - FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, standard chemical fire extinguisher, and water fog.
UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.
SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

HAZARDOUS COMBUSTION PRODUCTS: N/A

SECTION VI - ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

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SPILL: Absorb spill with non-combustible material such as vermiculite, sand or earth.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

RCRA STATUS: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Do not use or store near heat or open flames. Do not expose to temperatures above 120 F.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: None Known

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Diethylene glycol monomethyl ether	Not Established	Not Established
Nitrogen Industrial Grade	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: General ventilation recommended.

RESPIRATORY PROTECTION: Not required with normal use.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Colorless Liquid Spray

ODOR: Mild odor

ODOR THRESHOLD: N/D

BOILING POINT: 212°F

FREEZING POINT: -84°C (-119°F)

FLAMMABILITY: Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)

FLASH POINT: N/D

AUTOIGNITION TEMPERATURE: N/D

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

VAPOR PRESSURE (mm Hg): 0.19 mmHg

VAPOR DENSITY (AIR=1): >10

EVAPORATION RATE: 0.02

SPECIFIC GRAVITY (H₂O=1): 1.02

pH: N/A

SOLIDS (%): 0%

SOLUBILITY IN WATER: 0%

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

VOLATILITY INCLUDING WATER (%): 100%

VOLATILE ORGANIC COMPOUNDS (VOC): 96%

DIELECTRIC STRENGTH (Volts): N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Extremes of hot and cold.

INCOMPATIBILITY: None Known

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: None Known

POSSIBLE HAZARDOUS REACTIONS: None Known

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SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Established
ROUTES OF ENTRY: Inhalation, Eyes
EYES: May cause mild temporary irritation.
INGESTION: No toxicity expected with normal use.
INHALATION: Causes dizziness if inhaled directly or exposed to excessive amounts.
SKIN: None under normal use.
MEDICAL CONDITION AGGRAVATED: None known
ACUTE HEALTH HAZARDS: None Known
CHRONIC HEALTH HAZARDS: None known
CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Established
BIODEGRADABILITY: This product is biodegradable.
BIOACCUMULATION: This product is not expected to bioaccumulate.
SOIL MOBILITY: This product is mobile in soil.
OTHER ECOLOGICAL HAZARDS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container.
Wrap container and place in trash collection.
RCRA STATUS: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.2
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.2
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.2
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None
SARA 311/312 HAZARD CATEGORIES: None
SARA 313 REPORTABLE INGREDIENTS: None
STATE REGULATIONS: California Proposition 65: None
INTERNATIONAL REGULATIONS: All components are listed or exempted.

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NFPA HEALTH: 1
NFPA FLAMMABILITY: 2
NFPA REACTIVITY: 0
NFPA OTHER: None

HMIS HEALTH: 1
HMIS FLAMMABILITY: 2
HMIS REACTIVITY: 0
HMIS PROTECTION: A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Jonathon Jarvis

DATE PREPARED: 02/10/2015

REVISION DATE: 02/10/2015

N/A = Not Applicable; N/D = Not Determined

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