

NEXT FX, INC. SAFETY DATA SHEET

COLORED FLAME FLUID, (ALL COLORS)
SECTION I: PRODUCT & MANUFACTURER IDENTIFICATION

PRODUCT IDENTIF	TER		
COLORED FL	AME FLUID, (ALL COLORS)		
PRODUCT USE;			
THEATRICAL PYROTECHNICS AND SPECIAL EFFECTS. ALSO CAN BE USED AS A			
CLEANING F	LUID.		
MANUFACTURERS NAME;			
DISTRIBUTED BY: NEXT FX, INC. MFG. BY: STAGE FX, INC.			
STREET ADDRESS; CITY;		CITY;	STATE
184 MCNALEY ROAD COLUMBUS M'		MT - USA	
ZIP CODE;	TELEPHONE NUMBER;	EMERGENCY NUMBERS;	
59019	(406)322-1303	DOMESTIC - (800)255-3924	
		INTER +01 (813)248-0585	

SECTION II: HAZARDS IDENTIFICATION

WHMIS CLASSIFCATION/GHS CLASSIFCATION: FLAMMABLE LIQUID, CATEGORY 3









DANGER

HAZARD STATEMENT: FLAMMABLE LIQUID AND VAPOR, TOXIC IF SWALLOWED, SUSPECTED OF DAMAGING FERTILITY OR UNBORN CHILD FROM REPEATED OVEREXPOSURE AND MAY CAUSE DROWSINESS OR DIZZINESS.

PRECAUTIONARY STATEMENTS:

PREVENTION;

KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES/STRAY ELECTRICAL CURRENTS - "NO SMOKING". KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE. WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION WHEN DISPENSING. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. AVOID BREATHING MIST, VAPORS OR SPRAY. USE OUTDOORS OR IN A WELL-VENTILATED AREA.

RESPONSE;

IF ON SKIN OR HAIR, IMMEDIATELY REMOVE CONTAMINATED CLOTHING. RINSE SKIN OR HAIR WITH WATER.

(IF INGESTED) IMMEDIATELY CALL A POISON CENTER OR DOCTOR.

(IF INHALED) REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

PRODUCT USE:

LIQUID (WHEN VAPORIZED) CAN CREATE EXTREMELY FLAMMABLE VAPOR OR MIST. MAINTAIN REASONABLE SAFETY DISTANCES. REFER TO LABEL OR MANUFACTURER FOR APPROPRIATE SAFETY DISTANCES FOR SPECIFIC PRODUCT. "FOR PROFESSIONAL USE ONLY" NOT FOR CONSUMER OR RETAIL SALES.

SALES TO PERSONS UNDER (18) YEARS PROHIBITED.



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184 McNaley Road Columbus, MT 59019 (406)322-1303

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POTENTIAL ACUTE HEALTH EFFECTS:

CONTAINS METHANOL - HAZARDOUS IN CASE OF EYE CONTACT (IRRITANT), OF INGESTION OR INHALATION. MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. INGESTION MAY HAVE A NARCOTIC EFFECT INCLUDING SIGNS OF CNS DEPRESSION, DIZZINESS, HEADACHE, LOSS OF COORDINATION AND FATIQUE. SLIGHTLY HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT, SENSITIZER, PERMEATOR). PROLONGED INHALATION MAY BE HARMFUL. SIGNS & SYMPTOMS OF OVEREXPOSURE: SHORTNESS OF BREATH, CONFUSED BEHAVIOR, REDNESS OF SKIN, NAUSEA, UNCONSCIOUSNESS.

POTENTIAL CHRONIC HEALTH EFFECTS:

MODERATELY HAZARDOUS IN CASE OF SKIN OR EYE CONTACT. CARCINOGENIC EFFECTS: A4 (NOT CLASSIFIABLE FOR HUMAN OR ANIMAL.) BY ACGIH, 3 (NOT CLASSIFIABLE FOR HUMAN.) BY IARC. MUTAGENIC EFFECTS: NOT AVAILABLE. TERATOGENIC EFFECTS: NOT AVAILABLE. DEVELOPMENTAL TOXICITY: CLASSIFIED REPRODUCTIVE SYSTEM/TOXIN/FEMALE, DEVELOPMENT TOXIN [POSSIBLE]. THE SUBSTANCE MAY BE TOXIC TO KIDNEYS, LIVER, CENTRAL NERVOUS SYSTEM (CNS). REPEATED OR PROLONGED EXPOSURE TO THE SUBSTANCE CAN PRODUCE TARGET ORGANS DAMAGE.

NATIONAL FIRE PROTECTION ASSOCIATION RATINGS; (MIXED BINARY ONLY)

HEALTH HAZARD - 3 FLAMMABILITY - 3 REACTIVITY - 0 SPECIAL - H

SECTION III: COMPOSITION/INGREDIENT INFORMATION

HAZARDOUS INGREDIENTS	%	CAS NUMBER
ETHYL ALCOHOL, (ALL COLORS)	*	64-17-5
METHYL ALCOHOL, (ALL COLORS)	*	67-56-1
CUPRIC CHLORIDE, (BLUE & GREEN)	*	7447-39-4
METHYLENE CHLORIDE, (BLUE & RED)	*	75-09-2
CALCIUM CHLORIDE, (ORANGE)	*	10043-52-4
STRONTIUM CHLORIDE HEXAHYDRATE, (RED)	*	10025-70-4
SODIUM ACETATE, (YELLOW)	*	127-09-3
SODIUM CHLORIDE, (YELLOW)	*	7647-14-5

^{*} INGREDIENT PERCENTAGES ARE COMPANY PROPRIETARY.

SECTION IV: FIRST AID MEASURES

ROUTES OF ENTRY; X SKIN CONTACT - SKIN ABSORPTION X EYE CONTACT X INHALATION X INGESTION

SKIN CONTACT;

CONTENTS SHOULD BE WASHED IMMEDIATELY FROM EXPOSED AREA WITH PLENTY OF SOAP AND WATER. CONTAMINATED CLOTHING SHOULD ALSO BE REMOVED AND CLEANSED PRIOR TO REUSE.

EYE CONTACT:

FLUSH EYES FOR A MINIMUM OF 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION;

IF OVEREXPOSURE HAS OCCURRED, REMOVE VICTIM FROM AREA AND SEEK FRESH AIR. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION IMMEDIATELY.



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INGESTION;

(406)322-1303

IF CONTENTS ARE ACCIDENTALLY INGESTED, IMMEDIATELY CALL A POISON CENTER OR DOCTOR. SEEK MEDICAL ATTENTION AS SOON AS POSSIBLE.

ACUTE HEALTH EFFECTS:

HAZARDOUS IN CASE OF EYE CONTACT (IRRITANT), OF INGESTION OR INHALATION. MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. INGESTION MAY HAVE A NARCOTIC EFFECT INCLUDING SIGNS OF CNS DEPRESSION, DIZZINESS, HEADACHE, LOSS OF COORDINATION AND FATIQUE. SLIGHTLY HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT, SENSITIZER, PERMEATOR). PROLONGED INHALATION MAY BE HARMFUL. SIGNS & SYMPTOMS OF OVEREXPOSURE: SHORTNESS OF BREATH, CONFUSED BEHAVIOR, REDNESS OF SKIN, NAUSEA, UNCONSCIOUSNESS.

CHRONIC HEALTH EFFECTS;

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SECTION V: FIRE FIGHTING MEASURES & RELATED INFORMATION

FLAMMABILITY;	NFPA RATING;	
FLAMMABLE LIQUID AND VAPOR, HAZARD	3 – MAJOR HAZARD,	
CATEGORY 3		
GENERAL FIRE HAZARDS;		
HIGHLY FLAMMABLE IN PRESENCE OF OPEN FLAMES	S AND SPARKS, OF HEAT.	
FLAMMABLE IN PRESENCE OF OXIDIZING MATERIALS. NONFLAMMABLE IN PRESENCE		
OF SHOCKS. VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION		
AND FLASH BACK. WHEN HEATED ABOVE FLASH PO	INT, THIS MATERIAL EMITS	
FLAMMABLE VAPORS, WHEN MIXED WITH AIR CAN BURN OR BE EXPLOSIVE		
MEANS OF EXTINGUISHMENT;		
IISE ALCOHOL RESISTANT FOAM, DRY CHEMICAL OR CO.		

SECTION VI: ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES;

DILUTE WITH WATER AND MOP UP, OR ABSORB WITH AN INERT DRY MATERIAL AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER.

CLEAN-UP PROCEDURES;

FLAMMABLE LIQUID. KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. STOP LEAK IF WITHOUT RISK. ABSORB WITH DRY EARTH, SAND OR OTHER NON-COMBUSTIBLE MATERIAL. DO NOT TOUCH SPILLED MATERIAL. PREVENT ENTRY INTO SEWERS, BASEMENTS OR CONFINED AREAS; DIKE IF NEEDED. VENTILATE ARE OF LEAK AS POSSIBLE. CLEAN-UP PERSONNEL REQUIRE PROTECTIVE CLOTHING AND RESPIRATORY PROTECTION. BE CAREFUL THAT THE PRODUCT IS NOT PRESENT AT A CONCENTRATION LEVEL ABOVE TLV. CHECK TLV ON THE MSDS AND WITH LOCAL AUTHORITIES.



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HANDLING PROCEDURES AND EQUIPMENT;

KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. GROUND ALL EQUIPMENT CONTAINING MATERIAL. DO NOT INGEST. DO NOT BREATHE GAS/FUMES/ VAPOR/SPRAY. AVOID CONTACT WITH EYES. WEAR SUITABLE PROTECTIVE CLOTHING. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. IF INGESTED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THE CONTAINER OR THE LABEL. KEEP AWAY FROM INCOMPATIBLES SUCH AS OXIDIZING AGENTS, ACIDS.

STORAGE REQUIREMENTS;

STORE IN A COOL, WELL VENTILATED, AND DRY AREA. STORE LOCKED UP. CAUTION - EMPTY CONTAINERS MAY RETAIN VAPORS OR RESIDUE THAT CAN REMAIN DANGEROUS.

SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE LIMITS:	ACGIH TLV =	OSHA PEL =	OTHER =
	50 PPM	125 PPM	FLAMMABLE VAPOR
ENGINEERING CONTROLS!			

PROVIDE EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP THE AIRBORNE CONCENTRATIONS OF VAPORS BELOW THEIR RESPECTIVE THRESHOLD LIMIT VALUE. ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE PROXIMAL TO THE WORK-STATION LOCATION.

PERSONAL PROTECTIVE EQUIPMENT;

VAPOR RESPIRATOR MAY BE REQUIRED IF TLV OR PEL'S CANNOT BE CONTROLLED. WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING, (IMPERVIOUS GLOVES AND APRON RECOMMENDED).

SECTION IX: PHYSICAL PROPERTIES

PHYSICAL STATE;	ODOR & APPEARANCE;	SPECIFIC GRAVITY;
ГІФПІР	PLEASANT ODOR -	0.777 TO 0.830
	CLEAR TO GREENISH	
	riánio	
ODOR THRESHOLD;	Viscosity;	PARTITION COEFFICIENT; (N-
NOT KNOWN	NOT KNOWN	OCTONAL/WATER)
		Not Known
VAPOR DENSITY; (AIR=1)	VAPOR PRESSURE; (MM/HG)	EVAPORATION RATE;
HEAVIER THEN AIR	96 KPA	SLOWER THEN ETHER
Boiling Point; (°C)	FREEZING POINT; (°C)	PH;
147° то 241° F	Not Known	Not Known
SOLUBILITY IN WATER;	MELTING POINT;	VDC;
EASILY SOLUBLE ON	N/A	6.588 TO 6.62
COLD WATER		LBS./GAL.
FLASHPOINT;	UPPER FLAMMABLE LIMITS;	LOWER FLAMMABLE LIMITS;
52° F (TAG CC)	0.36	0.06
AUTO-IGNITION TEMPERATURE;	SENSITIVITY TO IMPACT;	SENSITIVITY TO ELECTROSTATIC;
NOT KNOWN	UNKNOWN	Low



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CHEMICAL STABILITY;

IF UNSTABLE, UNDER WHAT CONDITIONS;

CARCINOGENICITY - ACGIH;

ETHYL ALCOHOL

METHYL ALCOHOL

METHYLENE CHLORIDE

THESE DEVICES MAY CONTAIN KNOWN

OR SUSPECTED CARCINOGENS. THE

CLASSIFIABLE AND YOU SHOULD

REFER TO SPECIFIC MSDS FOR

ADDITIONAL INFORMATION;

FOLLOWING LIST OF CHEMICALS ARE

X STABLE

UNSTABLE

INCOMPATIBILITIES OR CONDITIONS TO AVOID;

REACTIVE WITH OXIDIZING AGENTS, ACIDS AND ALKALIES.

POSSIBILITY OF HAZARDOUS REACTION;

HIGH IF VAPORIZED AND GIVEN A SOURCE OF IGNITION.

REACTIVITY:

AVOID HEAT, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES.

HAZARDOUS DECOMPOSITION;

CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

SECTION XI: TOXICOLOGICAL INFORMATION

CARCINOGENICITY - IARC;

THESE DEVICES MAY CONTAIN KNOWN OR SUSPECTED CARCINOGENS. THE FOLLOWING LIST OF CHEMICALS ARE CLASSIFIABLE AND YOU SHOULD REFER TO SPECIFIC SDS FOR ADDITIONAL INFORMATION; ETHYL ALCOHOL METHYL ALCOHOL

METHYLENE CHLORIDE
ROUTES OF ENTRY;

INHALATION, INGESTION, EYE CONTACT

MEASURES OF TOXICITY; (INGREDIENTS □NLY)

ETHYL ALCOHOL - (ORAL), LD50 (RAT) 7060 MG/KG

METHYL ALCOHOL - (INHALATION), LC50 (RAT) 83.2 MG/L 4H, (ORAL), LD50 (RAT) 5628 MG/KG, (DERMAL), LD50 (RABBIT) 15,800 MG/KG CUPRIC CHLORIDE - (ORAL), LD50 (RAT) 584 MG/KG

METHYLENE CHLORIDE - (INHALATION), LC50 (RAT) 76,000 MG/M 3 4H, (ORAL), LD50 (RAT) >2000 MG/KG

CALCIUM CHLORIDE - (ORAL), LD50 (RAT) 1000 MG/KG, (DERMAL), LD50 (RAT) 2630 MG/KG

SODIUM ACETATE - (INHALATION), LC50 (RAT) >30 G/M 3 1H, (ORAL), LD50 (RAT) 3530 MG/KG (DERMAL), LD50 (RABBIT) >10 G/KG

SODIUM CHLORIDE - (INHALATION), LC50 (RAT) >42 G/M³ 1H, (ORAL),

LD50 (RAT) 3 G/KG, (DERMAL), LD50 (RABBIT) >10 G/KG

CHRONIC EFFECTS ON HUMANS; (INGREDIENTS ONLY)
THIS PRODUCT CONTAINS ETHANOL.
ALCOHOLIC BEVERAGE CONSUMPTION
HAS BEEN ASSOCIATED WITH BIRTH
DEFECTS IN HUMANS. THE RELEVANCE
OF THIS FINDING IN AN INDUSTRIAL
ENVIRONMENT IS UNCERTAIN.

ACUTE EFFECTS ON HUMANS; (INGREDIENTS ONLY)
SEVERELY HAZARDOUS IN CASE OF
INGESTION. SLIGHTLY HAZARDOUS IN
CASE OF SKIN CONTACT, (IRRITANT,
SENSITIZER, PERMEATOR).



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OTHER TOXIC EFFECTS ON HUMANS; (SKIN CORROSION/IRRITATION, EYE DAMAGE/IRRITATION, RESPIRATORY OR SKIN SENSITIZER, OR ASPIRATION HAZARDS)

VAPORS CAN CAUSE DROWSINESS AND CONFUSION.

GERM CELL MUTAGENICITY;

(SEE INGREDIENT SDS)

STOT - SINGLE EXPOSURE;

(SEE INGREDIENT SDS)

STOT - REPEATED EXPOSURE;

(SEE INGREDIENT SDS)

SYMPTOMS OF OVEREXPOSURE;

DROWSINESS, , SHORTNESS OF BREATH, REDNESS OF SKIN, NAUSEA, CONFUSED BEHAVIOR, CNS DEPRESSION, UNCONSCIOUSNESS, HEADACHE AND FATIGUE.

SECTION XII: ECOLOGICAL INFORMATION

ECOTOXICITY;	B005 & C00;
THE FOLLOWING LIST OF CHEMICALS	NOT AVAILABLE
MAY HAVE ADDITIONAL ECOTOXICITY	
INFORMATION ON THEIR SPECIFIC	
SDS;	
ETHYL ALCOHOL	
METHYL ALCOHOL	
METHYLENE CHLORIDE	
CALCIUM CHLORIDE	
SODIUM ACETATE	
SODIUM CHLORIDE	
PRODUCTS OF DEGRADATION;	
Possibly Hazardous short term,	DEGRADATION PRODUCTS ARE NOT
LIKELY. HOWEVER, LONG-TERM DEGRAD	ATION PRODUCTS MAY ARISE.
TOXICITY OF THE PRODUCTS OF BIODEGRADATION:	
UNKNOWN	
OTHER ADVERSE AFFECTS;	
None	
BIOACCUMULATION:	Mobility in Soil;
(SEE INGREDIENT SDS)	(SEE INGREDIENT SDS)

SECTION XIII: DISPOSAL CONSIDERATIONS:

EPA WASTE CODES APPLICABLE;

WILL EXHIBIT THE CHARACTERISTIC OF IGNITABILITY IN ACCORDANCE WITH 40 CFR. D001 Would be applicable if substance is considered waste. Empty containers may contain vapors or residue and can be dangerous.

WASTE DISPOSAL;

WASTES MUST BE DISPOSED OR SENT TO RECLAIMER IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. AS STATED ABOVE, UNUSED LIQUID DOES EXHIBIT A RCRA CHARACTERISTIC AS DEPICTED BY 40 CFR AND/OR OTHER INTERNATIONAL REGULATIONS.



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SECTION XIV: TRANSPORTATION INFORMATION

DOT CLASSIFICATION & UN IDENTIFICATION;

PROPER SHIPPING NAME & TECHNICAL NAME;

CLASS 3; FLAMMABLE LIQUID

ETHYL ALCOHOL, UN1170

SPECIAL PROVISIONS FOR TRANSPORT;

IN CASE OF AN ACCIDENT, THE ERG SHOULD BE CONSULTED FOR EMERGENCY PROCEDURES.

SECTION XV: REGULATORY INFORMATION:

FEDERAL & STATE REGULATIONS;

311/312 HAZARD CATEGORIES: THIS PRODUCT SHOULD BE REPORTED AS AN IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED (CHRONIC) HEALTH HAZARD AND A FIRE HAZARD IF SUBJECT TO THRESHOLD LEVEL REPORTING REQUIREMENTS.

313 REPORTABLE INGREDIENTS: METHYL ALCOHOL, METHYLENE CHLORIDE.

OTHER REGULATIONS;

OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200). EINECS: Some of the compositional ingredients are on the European Inventory of Existing Commercial Chemical Substances. Ingredients may have specific Federal, State or local regulations governing thresholds and handling procedures and only apply to the manufacturing of these items. TSCA Regulatory: This product is a mixture and each component is listed in the TSCA Inventory of Chemical Substances. Some state requirements may be applicable to the ingredients found in the Different color flame fluids available. Further information on the ingredients can be found on their respective MSDS.

SECTION XVI: OTHER INFORMATION

THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. However, We make no warranty of MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. IN NO EVENT SHALL NEXT FX, INC. OR ITS AFFILIATES BE LIABLE FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY OR FOR LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF NEXT FX, INC. AFFILIATES OR CONSULTANTS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

DATE PREPARED;	PREPARED BY;	TELEPHONE NUMBER;
30 SEPT. 2013	DENNIS SLICER	(406)322-1304