

# US Coating Solutions

## MATERIAL SAFETY DATA SHEET

### Red Lightning

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#### SECTION I - IDENTIFICATION

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COMPANY NAME..... US COATING SOLUTIONS

EFFECTIVE DATE.....April 28, 2004

REVISED DATE.....N/A

CHEMICAL FAMILY.....Mixture

TRADE NAME.....Red Lightning

PRINCIPAL APPLICATION...Detergent/dispersant

CHEMICAL FORMULA.....Proprietary

#### HMIS RATING:

HEALTH 0    FLAMMABILITY 0    REACTIVITY 0

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#### SECTION II - HAZARDOUS INGREDIENTS

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HAZARDOUS COMPONENTS	%	TLV	CAS NO.
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NONE

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#### SECTION III - PHYSICAL DATA

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BOILING POINT.....212°F

FREEZING POINT.....N/A

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ACTIVITY.....9.0 +/- 1.0

MELTING POINT.....N/A

VAPOR PRESSURE (mm Hg).....N/A

VAPOR DENSITY (Air=1).....N/A

SOLUBILITY IN WATER.....Completely Soluble

APPEARANCE/ODOR.....Purplish liquid, Mild Odor

SPECIFIC GRAVITY (H2O=1)...1.005 +/- 0.025

EVAPORATION RATE.....N/A

pH (10% soln).....12.0 +/- 1.0

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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LASH POINT.....>200 °F TCC

LOWER EXPLOSION LIMIT IN AIR.....N/A

UPPER EXPLOSION LIMIT IN AIR.....N/A

AUTO IGNITION TEMPERATURE.....N/A

EXTINGUISH MEDIA.....Water,CO2,Foam,dry chemical

UNUSUAL FIRE OR EXPLOSION HAZARD..None known

SPECIAL FIRE FIGHTING PROCEDURES..COOL EXPOSED CONTAINERS WITH WATER SPRAY. SELF CONTAINED BREATHING APPARATUS IN CONFINED AREAS.

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## SECTION V - HEALTH HAZARD DATA

OVER EXPOSURE EFFECTS.....SEE BELOW.

ROUTES OF EXPOSURE:

EYES.....MAY CAUSES IRRITATION

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**SKIN**.....MAY CAUSE IRRITATION ESPECIALLY WITH PROLONGED CONTACT.

**INGESTION**.....MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA,VOMITING, AND DIARRHEA.

**INHALATION**.....OVEREXPOSURE TO MIST OR VAPOR MAY CAUSE IRRITATION OF RESPIRATORY TRACT.

## FIRST AID PROCEDURES:

**EYES:** FLUSH WITH PLENTY OF WATER FOR AT LEAST FIFTEEN MINUTES, HOLDING EYELIDS APART TO ENSURE FLUSHING OF ENTIRE SURFACE. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.

**SKIN:** WASH THOROUGHLY WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING AND WASH CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

**INGESTION:** GIVE CONSCIOUS PERSON SEVERAL GLASSES OF WATER, THEN INDUCE VOMITING, GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS.

**INHALATION:** REMOVE TO FRESH AIR.

**HUMAN HEALTH:** HAS A VERY LOW ORDER OF TOXICITY AND SHOULD NOT PRESENT A HEALTH HAZARD.

**HYGIENE PRACTICES:** WASH HANDS BEFORE EATING OR USING REST ROOMS. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSING.

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## SECTION VI - REACTIVITY DATA

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**STABILITY**.....STABLE

**CONDITIONS TO AVOID**.....AVOID FREEZING.

**INCOMPATIBILITY**.....STRONG OXIDIZING AGENTS.

**HAZARDOUS DECOMPOSITION PRODUCTS**.....CARBON DIOXIDE, CARBON MONOXIDE, AND OXIDES OF NITROGEN.

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HAZARDOUS POLYMERIZATION.....WILL NOT OCCUR.

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## SECTION VII - SPILL OR LEAK PROCEDURES

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**ACTION TO TAKE FOR SPILLS/LEAKS.....**CLEAN UP SPILLS WITH ABSORBENT MATERIAL AND PLACE IN WASTE CONTAINER FOR DISPOSAL. RINSE WITH LARGE AMOUNTS OF WATER

**DISPOSAL METHODS.....**DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

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## SECTION VIII - HANDLING PRECAUTIONS

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**EXPOSURE GUIDELINE(S).....**SEE BELOW

**VENTILATION.....**LOCAL EXHAUST

**PROTECTIVE GLOVES.....**RUBBER OR PLASTIC GLOVES

**EYE PROTECTION.....**SAFETY GLASSES OR SPLASH GOGGLES

**SKIN PROTECTION.....**STANDARD WORK CLOTHING

**RESPIRATORY PROTECTION.....**NIOSH/MSHA APPROVED RESPIRATOR IF NECESSARY.

**OTHER PROTECTION.....**N/A

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## SECTION IX - REGULATORY INFORMATION

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**TSCA INVENTORY INFORMATION.** All ingredients are listed in the TSCA inventory.

**SARA 313 INFORMATION.....** To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

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**SARA HAZARD CATEGORY.....** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the **SARA** Title III and is considered under applicable definitions to meet the following categories:

Not to have met any hazard category

**NOT MEANT TO BE ALL-INCLUSIVE.**

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## SECTION X - ADDITIONAL INFORMATION

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**HAZARD CLASS.....NON-HAZARDOUS**

**DOT SHIPPING NAME.....NONE**

**REPORTABLE QTY. (RQ).....N/A**

**UN / NA NUMBER.....N/A**

**PACKAGING SIZE(S).....BULK AND 55 GAL. DRUMS**

**SPECIAL PRECAUTIONS IN HANDLING AND STORAGE:**

**THE INFORMATION PRESENTED HEREIN IS BELIEVED TO BE FACTUAL AS IT HAS BEEN DERIVED FROM THE WORKS AND OPINIONS OF PERSONS BELIEVED TO BE QUALIFIED EXPERTS; HOWEVER, NOTHING CONTAINED IN THIS INFORMATION IS TO BE TAKEN AS A WARRANTY OR REPRESENTATION FOR WHICH US COATING SOLUTIONS BEARS LEGAL RESPONSIBILITY. THE USER SHOULD REVIEW ANY RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE TO DETERMINE WHETHER THEY ARE APPROPRIATE.**

