



**NEW WORLD, INC.**

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**PAPERWORK REDUCTION NOTICE**

In order to reduce the number of pages for the Material Safety Data Sheets included in this package, the first page of each color is included. Since pages two and three of each color are identical, only one set of those pages are included.

If your regulatory agency requires pages two and three for each sheet you may copy those pages from this set and include them in your submission.

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: BLUE LAGOON

SYNONYMS: PIGMENT CI 77891, PIGMENT CI 20710, PIGMENT CI 74160a,  
PIGMENT CI 74260

SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 37% MOSTLY WATER  
APPEARANCE AND ODOR..... BLUE GREEN/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: BLUE MONDAY  
SYNONYMS: PIGMENT CI 77891, PIGMENT CI 74160a  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.123  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 58% MOSTLY WATER  
APPEARANCE AND ODOR..... BLUE/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: BLUSH

SYNONYMS: PIGMENT CI 77891, PIGMENT CI 20710, PIGMENT CI 20730

SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 43% MOSTLY WATER  
APPEARANCE AND ODOR..... PINK/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: COCOA BROWN  
SYNONYMS: PIGMENT CI 77266, PIGMENT CI 20730  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 51% MOSTLY WATER  
APPEARANCE AND ODOR..... DARK BROWN/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: ENVY GREEN  
SYNONYMS: PIGMENT CI 74260, PIGMENT CI 77891  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.244  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 57% MOSTLY WATER  
APPEARANCE AND ODOR..... GREEN/NONE  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: FAST ORANGE

SYNONYMS: PIGMENT CI 11710, PIGMENT CI 77891, ORANGE 73

SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.1  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 58% MOSTLY WATER  
APPEARANCE AND ODOR..... ORANGE/NONE  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: FIRETRUCK RED  
SYNONYMS: PIGMENT CI 12475  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... 212°F  
SPECIFIC GRAVITY(WATER-1)..... 1.1  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 57% MOSTLY WATER  
APPEARANCE AND ODOR..... BRIGHT RED/SLIGHT  
MELTING POINT..... 32°F  
VAPOR PRESSURE..... NOT APPLICABLE  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... NOT APPLICABLE  
pH(AS IS)..... 8.5-9.5  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO<sub>2</sub>, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: FUCHSIA  
SYNONYMS: PIGMENT CI 12475, PIGMENT CI 77891  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 55% MOSTLY WATER  
APPEARANCE AND ODOR..... FUCHSIA/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: GANG GREEN

SYNONYMS: PIGMENT CI 74260, PIGMENT CI 77891, PIGMENT CI 11710

SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 55% MOSTLY WATER  
APPEARANCE AND ODOR..... YELLOW GREEN/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: GOBLIN GREEN

SYNONYMS: PIGMENT CI 74260, PIGMENT CI 77891, PIGMENT CI 11710

SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 48% MOSTLY WATER  
APPEARANCE AND ODOR..... GREEN/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: GOLDEN YELLOW  
SYNONYMS: PIGMENT CI 77891, PIGMENT CI 11710  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.16  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 58% MOSTLY WATER  
APPEARANCE AND ODOR..... YELLOW/NONE  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.8-9.5  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: GRAPE

SYNONYMS: PIGMENT CI 51319, PIGMENT CI 77891, PIGMENT CI 73915

SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 46% MOSTLY WATER  
APPEARANCE AND ODOR..... PURPLE/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: LEMON YELLOW  
SYNONYMS: PIGMENT CI 20710, PIGMENT CI 77891  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.1  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 55% MOSTLY WATER  
APPEARANCE AND ODOR..... BRIGHT YELLOW/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.8-10.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: MAGENTA  
SYNONYMS: PIGMENT CI 73915  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.210  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 58% MOSTLY WATER  
APPEARANCE AND ODOR..... DARK RED/NONE  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: MAHOGANY RUSH  
SYNONYMS: PIGMENT CI 20730  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 51% MOSTLY WATER  
APPEARANCE AND ODOR..... RED BROWN/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: PURPLE PASSION  
SYNONYMS: PIGMENT CI 51319, PIGMENT CI 77891  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.1  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 62% MOSTLY WATER  
APPEARANCE AND ODOR..... VIOLET/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: ROBIN'S EGG BLUE

SYNONYMS: PIGMENT CI 77891, PIGMENT CI 74160a, PIGMENT CI 20710

SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 55% MOSTLY WATER  
APPEARANCE AND ODOR..... LIGHT BLUE/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: SANGUINE RED  
SYNONYMS: PIGMENT CI 51319, PIGMENT CI 73900  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.102  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 54% MOSTLY WATER  
APPEARANCE AND ODOR..... DARK RED/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.8-9.9  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: SNOW WHITE  
SYNONYMS: PIGMENT CI 77891  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 23% MOSTLY WATER  
APPEARANCE AND ODOR..... WHITE/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: TICKLE-ME PINK  
SYNONYMS: PIGMENT CI 12475, PIGMENT CI 77891  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.4  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 51% MOSTLY WATER  
APPEARANCE AND ODOR..... PINK/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: TRIBAL BLACK  
SYNONYMS: PIGMENT CI 77266  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.1  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 55% MOSTLY WATER  
APPEARANCE AND ODOR..... BLACK/SLIGHT  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.0  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: VELVET BROWN  
SYNONYMS: PIGMENT CI 77491  
SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE			

## III PHYSICAL DATA

BOILING POINT, 760MM HG..... NOT APPLICABLE  
SPECIFIC GRAVITY(WATER-1)..... 1.84  
VAPOR DENSITY(AIR-1)..... UNKNOWN  
% VOLATILES BY WEIGHT..... APPROX. 45% MOSTLY WATER  
APPEARANCE AND ODOR..... BROWN/NONE  
MELTING POINT..... NOT APPLICABLE  
VAPOR PRESSURE..... APPROXIMATELY SAME AS WATER  
SOLUBILITY IN WATER % BY WEIGHT..... COLOR INSOLUBLE  
EVAPORATION RATE(BUTYL ACETATE - 1)..... APPROXIMATELY SAME AS WATER  
pH(AS IS)..... 8.5-9.5  
pH(1% SOLN.)..... SAME

## IV FIRE AND EXPLOSION DATA

FLASH POINT(TEST METHOD)..... NOT APPLICABLE  
AUTOIGNITION TEMPERATURE..... NOT APPLICABLE  
FLAMMABLE LIMITS IN AIR, % BY VOLUME..... NON-FLAMMABLE  
EXTINGUISHING MEDIA..... FIRE HAZARD ONLY IF ALL WATER DRIVEN OFF  
FIRST THEN USE CO2, DRY CHEMICAL OR FOAM  
NO FIRE HAZARD  
SPECIAL FIRE FIGHTING PROCEDURES.. USE OF SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT  
RECOMMENDED  
UNUSUAL FIRE AND EXPLOSION HAZARD..... NONE KNOWN

## V HEALTH HAZARD INFORMATION

### HEALTH HAZARD DATA

### EFFECTS OF OVEREXPOSURE

### EMERGENCY FIRST AID PROCEDURES

#### ROUTES OF EXPOSURE

INHALATION

NOT CONSIDERED  
HAZARDOUS BUT EXCESSIVE  
EXPOSURE SHOULD BE  
AVOIDED. USE PRODUCT  
IN AREAS WITH ADEQUATE  
VENTILATION AS A  
PRECAUTIONARY MEASURE

REMOVE TO FRESH AIR

SKIN CONTACT

COULD POSSIBLY CAUSE  
SOME MINOR SKIN  
IRRITATION

WASH SKIN THOROUGHLY  
WITH MILD SOAP AND  
WATER. IF REDNESS OR  
DISCOMFORT PERSIST SEE  
A PHYSICIAN

SKIN ABSORPTION

NOT HAZARDOUS

WASH SKIN THOROUGHLY  
WITH SOAP AND WATER

EYE CONTACT

MAY CAUSE SEVERE EYE  
IRRITATION

IMMEDIATELY FLUSH EYES  
WITH PLENTY OF WATER  
FOR AT LEAST 15 MINUTES  
SEEK MEDICAL ATTENTION

INGESTION

EFFECTS UNKNOWN (NOT  
SUITABLE FOR INGESTION)

GIVE PLENTY OF WATER TO  
DILUTE.  
SEEK MEDICAL ATTENTION.

#### EFFECTS OF OVEREXPOSURE:

ACCUTE OVEREXPOSURE: NOT KNOWN TO BE TOXIC BUT, NORMAL SAFE-HANDLING PROCEDURES SHOULD BE UTILIZED.

CHRONIC OVEREXPOSURE: NOT KNOWN TO BE TOXIC

## VI REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY... PRODUCT STABLE

INCOMPATIBILITY... STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS... WHEN INVOLVED IN A FIRE, ORGANIC COMPOUNDS MAY UNDERGO THERMAL DECOMPOSITION AND MAY EVOLVE NOXIOUS FUMES WHICH MAY INCLUDE CARBON MONOXIDE, NITROUS OXIDES, OR OTHER TOXIC COMPOUNDS. FOR THIS TO OCCUR, ALL WATER MUST BE DRIVEN OFF FIRST.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION... WILL NOT OCCUR

## VII DISPOSAL, SPILL OR LEAK PROCEDURES

AQUATIC TOXICITY (E.G.96 HR.RLM): UNKNOWN

WASTE DISPOSAL METHOD: IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: AVOID BREATHING VAPORS. USE GLOVES, APPROVED RESPIRATOR, EYE PROTECTION AND PROTECTIVE CLOTHING WHEN IN CONTACT WITH LARGE SPILLS.

NEUTRALIZING CHEMICALS: SOAP AND WATER

## VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: USE WITH ADEQUATE VENTILATION. USE OF NIOSH VAPOR RESPIRATOR RECOMMENDED WHEN AREAS WHERE ADEQUATE VENTILATION IS NOT AVAILABLE.

SPECIFIC PROTECTIVE EQUIPMENT: FOR VERY LARGE SPILLS, USE PROTECTIVE CLOTHING

EYE... GOGGLES OR FACE SHIELD

GLOVES... PLASTIC OR RUBBER

## IX SPECIAL PRECAUTION

PRECAUTIONARY STATEMENTS: STORE IN CLEAN DRY AREA - KEEP FROM FREEZING

OTHER HANDLING AND STORAGE REQUIREMENTS: AFTER HANDLING, DO NOT EAT WITHOUT WASHING HANDS THOROUGHLY. KEEP AWAY FROM FOOD PRODUCTS

### ADDITIONAL REGULATORY CONCERNS:

#### FEDERAL:

FDA: NOT APPROVED BY USE IN CONTACT, DIRECT OR INDIRECT, WITH FOOD PRODUCTS OR PACKAGING.

USDA: NOT EVALUATED FOR USE IN PACKAGING MATERIAL IN DIRECT CONTACT WITH MEAT AND POULTRY PRODUCTS

TSCA: TO THE BEST OF OUR KNOWLEDGE THIS PRODUCT AND ITS INGREDIENTS HAVE BEEN CERTIFIED FOR INCLUSION ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORY OF CHEMICALS.

DISCLAIMER: THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AS OF THE DATE SHOWN. HOWEVER, NO WARRANTY IS MADE, EITHER EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR THE RESULTS TO BE OBTAINED FROM THE USE OF SUCH INFORMATION.

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TITLE: GENERAL MANAGER  
COMPANY: NEW WORLD  
ADDRESS: 4347 AEROSPACE ROAD, ROANOKE, VA 24014  
DATE: 11.11.04

# MATERIAL SAFETY DATA SHEET

## I PRODUCT IDENTIFICATION

TRADE NAME: 2% HEC SOLUTION(THICKENER)

SYNONYMS:

SHIPPING NAME DOT: NOT RESTRICTED

## II HAZARDOUS COMPONENTS

MATERIAL OR COMPONENT	CAS NO.	%	HAZARD DATA
NONE KNOWN			

## III PHYSICAL DATA

BOILING POINT, 760MM HG.....	APPROXIMATELY SAME AS WATER
SPECIFIC GRAVITY(WATER-1).....	1.0
VAPOR DENSITY(AIR-1).....	APPROXIMATELY SAME AS WATER
% VOLATILES BY WEIGHT.....	APPROX. 58% MOSTLY WATER
APPEARANCE AND ODOR.....	CLEAR TO LIGHT AMBER/NONE
MELTING POINT.....	APPROXIMATELY SAME AS WATER
VAPOR PRESSURE.....	APPROXIMATELY SAME AS WATER
SOLUBILITY IN WATER % BY WEIGHT.....	MISCIBLE
EVAPORATION RATE(BUTYL ACETATE - 1).....	APPROXIMATELY SAME AS WATER
pH(AS IS).....	7.0-7.5
pH(1% SOLN.).....	N/D

## IV FIRE AND EXPLOSION DATA

FLASH POINT(OPEN CUP).....	APPROXIMATELY SAME AS WATER
AUTOIGNITION TEMPERATURE.....	NOT APPLICABLE
FLAMMABLE LIMITS IN AIR, % BY VOLUME.....	UNKNOWN
EXTINGUISHING MEDIA.....	DRY CHEMICAL, CARBON DIOXIDE OR ALCOHOL FOAM

## V HEALTH HAZARD INFORMATION

HEALTH HAZARD DATA	EFFECTS OF OVEREXPOSURE	EMERGENCY FIRST AID PROCEDURES
ROUTES OF EXPOSURE		
INHALATION	CAN CAUSE IRRITATION	REMOVE TO FRESH AIR
SKIN CONTACT	COULD POSSIBLY CAUSE SOME SKIN IRRITATION	WASH SKIN THOROUGHLY WITH MILD SOAP AND WATER. IF REDNESS OR DISCOMFORT PERSIST SEE A PHYSICIAN
EYE CONTACT	MAY CAUSE MILD EYE IRRITATION	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES SEEK MEDICAL ATTENTION
INGESTION	CA N CAUSE NAUSEA, VOMITING, AND DIARRHEA	GIVE PLENTY OF WATER TO DILUTE. INDUCE VOMITING. SEEK MEDICAL ATTENTION.

### EFFECTS OF OVEREXPOSURE:

ACCUTE OVEREXPOSURE: NOT KNOWN TO BE TOXIC BUT, NORMAL SAFE-HANDLING PROCEDURES SHOULD BE UTILIZED.

CHRONIC OVEREXPOSURE: NOT KNOWN TO BE CARCINOGENIC

## VI REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY... PRODUCT STABLE

INCOMPATIBILITY... AVOID STRONG OXIDIZING AND REDUCING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS... WHEN INVOLVED IN A FIRE, ORGANIC COMPOUNDS MAY UNDERGO THERMAL DECOMPOSITION AND MAY EVOLVE NOXIOUS FUMES WHICH MAY INCLUDE CARBON MONOXIDE.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION... WILL NOT OCCUR

## VII DISPOSAL, SPILL OR LEAK PROCEDURES

AQUATIC TOXICITY (E.G.96 HR.RLM): UNKNOWN

WASTE DISPOSAL METHOD: IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: AVOID BREATHING VAPORS. USE GLOVES, APPROVED RESPIRATOR, EYE PROTECTION AND PROTECTIVE CLOTHING WHEN IN CONTACT WITH LARGE SPILLS. USE DUST CONTROL ABSORBENT TO COLLECT SPILL. RINSE SPILL AREA WITH WATER. COLLECT WATER FOR DISPOSAL.

NEUTRALIZING CHEMICALS: SOAP AND WATER

## VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: USE WITH LOCAL EXHAUST WHERE POSSIBLE

SPECIFIC PROTECTIVE EQUIPMENT: FOR VERY LARGE SPILLS, USE PROTECTIVE CLOTHING

EYE... GOGGLES OR FACE SHIELD

GLOVES... PLASTIC OR RUBBER

## IX SPECIAL PRECAUTION

PRECAUTIONARY STATEMENTS: STORE IN CLEAN DRY AREA - KEEP FROM FREEZING

OTHER HANDLING AND STORAGE REQUIREMENTS: AFTER HANDLING, DO NOT EAT WITHOUT WASHING HANDS THOROUGHLY. KEEP AWAY FROM FOOD PRODUCTS

ADDITIONAL REGULATORY CONCERNS:

FEDERAL:

FDA: NOT APPROVED BY FOOD AND DRUG ADMINISTRATION

USDA: NOT EVALUATED FOR USE IN PACKAGING MATERIAL IN DIRECT CONTACT WITH MEAT AND POULTRY PRODUCTS

TSCA: TO THE BEST OF OUR KNOWLEDGE THIS PRODUCT AND ITS INGREDIENTS HAVE BEEN CERTIFIED FOR INCLUSION ON OR EXCLUSION FROM THE TOXIC SUBSTANCES CONTROL ACT INVENTORY OF CHEMICALS.

STATEMENT: THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AS OF THE DATE SHOWN. HOWEVER, NO WARRANTY IS MADE, EITHER EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR THE RESULTS TO BE OBTAINED FROM THE USE OF SUCH INFORMATION.

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