

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 08/19/2014

Reviewed on 08/19/2014

**1 Identification****: Product identifier****: Trade name:** **Uniglow® F6HF****: Details of the supplier of the safety data sheet****: Manufacturer/Supplier:**United Color Manufacturing, Inc.  
660 Newtown-Yardley Road  
Newtown, PA 18940 USA**: For more information** U.S. Telephone +1 (215)860-2165/1-800-852-5942**: Emergency telephone number:**Within Continental U.S., CHEMTREC 1-800-424-9300  
Outside U.S., CHEMTREC +1-703-527-3887**2 Hazard(s) identification****: Classification of the substance or mixture**

GHS08 Health hazard

Carc. 2                      H351 Suspected of causing cancer.

Asp. Tox. 1                H304 May be fatal if swallowed and enters airways.



GHS09 Environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

**: Label elements****: GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**: Hazard pictograms**

GHS08   GHS09

**: Signal word** Danger**: Hazard-determining components of labeling:**

Solvent naphtha (petroleum), heavy arom.

**: Hazard statements**

Suspected of causing cancer.

May be fatal if swallowed and enters airways.

Toxic to aquatic life with long lasting effects.

**: Precautionary statements**

Avoid release to the environment.

Use personal protective equipment as required.

IF exposed or concerned: Get medical advice/attention.

Do NOT induce vomiting.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

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**: Classification system:**

**: NFPA ratings (scale 0 - 4)**



Health = 2  
Fire = 1  
Reactivity = 0

**: HMIS-ratings (scale 0 - 4)**



Health = 2  
Fire = 1  
Reactivity = 0

**: Other hazards**

**: Results of PBT and vPvB assessment**

**: PBT:** Not applicable.

**: vPvB:** Not applicable.

**3 Composition/information on ingredients**

**: Chemical characterization: Mixtures**

**: Description:** Mixture of the substances listed below with nonhazardous additions.

**: Dangerous components:**

64742-94-5	Solvent naphtha (petroleum), heavy arom.	50-100%
91-20-3	Naphthalene	≤ 2.5%

**4 First-aid measures**

**: Description of first aid measures**

**: After inhalation:** Supply fresh air; consult doctor in case of complaints.

**: After skin contact:** Generally the product does not irritate the skin.

**: After eye contact:** Rinse opened eye for several minutes under running water.

**: After swallowing:** If symptoms persist consult doctor.

**: Most important symptoms and effects, both acute and delayed** No further relevant information available.

**: Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**5 Fire-fighting measures**

**: Extinguishing media**

**: Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

**: Special hazards arising from the substance or mixture** No further relevant information available.

**: Advice for firefighters**

**: Protective equipment:** No special measures required.

**6 Accidental release measures**

**: Personal precautions, protective equipment and emergency procedures** Not required.

**: Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

**: Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

**: Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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## 7 Handling and storage

**: Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

**: Information about protection against explosions and fires:** No special measures required.

**: Conditions for safe storage, including any incompatibilities**

**: Storage:**

**: Requirements to be met by storerooms and receptacles:** No special requirements.

**: Information about storage in one common storage facility:** Not required.

**: Further information about storage conditions:** None.

**: Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

**: Additional information about design of technical systems:** No further data; see item 7.

**: Control parameters**

**: Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**: Additional information:** The lists that were valid during the creation were used as basis.

**: Exposure controls**

**: Personal protective equipment:**

**: General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

**: Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

**: Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**: Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**: Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**: Eye protection:** Goggles recommended during refilling.

## 9 Physical and chemical properties

**: Information on basic physical and chemical properties**

**: General Information**

**: Appearance:**

**: Form:**

Fluid

**: Color:**

Yellow

**: Odor:**

Aromatic

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: Odour threshold:	Not determined.
: pH-value:	Not determined.
: Change in condition	
: Melting point/Melting range:	Undetermined.
: Boiling point/Boiling range:	Undetermined.
: Flash point:	> 100 °C (> 212 °F)
: Flammability (solid, gaseous):	Not applicable.
: Ignition temperature:	
: Decomposition temperature:	Not determined.
: Auto igniting:	Product is not selfigniting.
: Danger of explosion:	Product does not present an explosion hazard.
: Explosion limits:	
: Lower:	Not determined.
: Upper:	Not determined.
: Vapor pressure:	Not determined.
: Density:	Not determined.
: Relative density	Not determined.
: Vapour density	Not determined.
: Evaporation rate	Not determined.
: Solubility in / Miscibility with	
: Water:	Not miscible or difficult to mix.
: Partition coefficient (n-octanol/water):	Not determined.
: Viscosity:	
: Dynamic:	Not determined.
: Kinematic at 40 °C (104 °F):	5 mm²/s
: Solvent content:	
: Organic solvents:	0.0 %
: Other information	No further relevant information available.

## 10 Stability and reactivity

- : Reactivity
- : Chemical stability
- : Thermal decomposition / conditions to be avoided:  
No decomposition if used according to specifications.
- : Possibility of hazardous reactions No dangerous reactions known.
- : Conditions to avoid No further relevant information available.
- : Incompatible materials: No further relevant information available.
- : Hazardous decomposition products: No dangerous decomposition products known.

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## 11 Toxicological information

**: Information on toxicological effects**

**: Acute toxicity:**

**: LD/LC50 values that are relevant for classification:**

**91-20-3 Naphthalene**

Oral	LD50	490 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rat)

**: Primary irritant effect:**

**: on the skin:** No irritant effect.

**: on the eye:** No irritating effect.

**: Sensitization:** No sensitizing effects known.

**: Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

**: Carcinogenic categories**

**: IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

**: NTP (National Toxicology Program)**

None of the ingredients is listed.

**: OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

**: Toxicity**

**: Aquatic toxicity:** No further relevant information available.

**: Persistence and degradability** No further relevant information available.

**: Bioaccumulative potential** No further relevant information available.

**: Mobility in soil** No further relevant information available.

**: Ecotoxicological effects:**

**: Remark:** Harmful to fish

**: Additional ecological information:**

**: General notes:** Harmful to aquatic organisms

**: Results of PBT and vPvB assessment**

**: PBT:** Not applicable.

**: vPvB:** Not applicable.

**: Other adverse effects** No further relevant information available.

## 13 Disposal considerations

**: Waste treatment methods**

**: Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**: Uncleaned packagings:**

**: Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

**: UN-Number**

**: DOT**

Void

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: IMDG, IATA	UN3082
: UN proper shipping name	
: DOT	Void
: IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Solvent naphtha, Naphthalene), MARINE POLLUTANT
: IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
: Transport hazard class(es)	
: DOT	
: Class	Void
: Label	NOT REGULATED
: IMDG, IATA	
 	
: Class	9 Miscellaneous dangerous substances and articles
: Label	9
: Packing group	
: DOT	Void
: IMDG, IATA	III
: Environmental hazards:	Product contains environmentally hazardous substances: Naphthalene
: Marine pollutant:	Yes
: Special marking (IATA):	Symbol (fish and tree)
: Special precautions for user	Warning: Miscellaneous dangerous substances and articles
: Danger code (Kemler):	90
: EMS Number:	F-A,S-F
: Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
: Transport/Additional information:	
: IMDG	
: Limited quantities (LQ)	5L
: Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
: UN "Model Regulation":	UN3082, Environmentally hazardous substances, liquid, n.o.s., 9, III

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**15 Regulatory Information**

: Safety, health and environmental regulations/legislation specific for the substance or mixture

: Sara

: **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

: **Section 313 (Specific toxic chemical listings):**

91-20-3 | Naphthalene

: **TSCA (Toxic Substances Control Act):**

64742-94-5 | Solvent naphtha (petroleum), heavy arom.

: **California Right to Know Law**

None of the ingredients is listed.

: **Massachusetts Right to Know Law**

None of the ingredients is listed.

: **Minnesota Right to Know Law**

None of the ingredients is listed.

: **New Jersey Right to Know Law**

None of the ingredients is listed.

: **Pennsylvania Right to Know Law**

64742-94-5 | Solvent naphtha (petroleum), heavy arom.

Yes

: **Rhode Island Right to Know Law**

None of the ingredients is listed.

: **Proposition 65**: **Chemicals known to cause cancer:**

91-20-3 | Naphthalene

: **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

: **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

: **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

: **Carcinogenic categories**: **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

: **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

: **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

: **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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**: Hazard pictograms**

GHS08 GHS09

**: Signal word Danger****: Hazard-determining components of labeling:**

Solvent naphtha (petroleum), heavy arom.

**: Hazard statements**

Suspected of causing cancer.

May be fatal if swallowed and enters airways.

Toxic to aquatic life with long lasting effects.

**: Precautionary statements**

Avoid release to the environment.

Use personal protective equipment as required.

IF exposed or concerned: Get medical advice/attention.

Do NOT induce vomiting.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**: Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**: Contact:** J. Frederico, Ph.D**: Date of preparation / last revision** 08/19/2014 / -**: Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Carc. 2: Carcinogenicity, Hazard Category 2

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2