



In accordance with Globally Harmonized System of
Classification and Labelling of Chemicals (GHS)-
Chapter 1.5 and Annex 4

SAFETY DATA SHEET

Product: YO10.1062.00US - HYDRO INT. NEUTRAL 10 SHEEN

Revision: 02

Date: 2018/03/28

Pages: 1/ 9

1 - IDENTIFICATION

GHS Product identifier:	YO10.1062.00US - HYDRO INT. NEUTRAL 10 SHEEN
Other means of identification:	YO10.1062.00US
Recommended use of the chemical and restrictions on use:	This is a WB topcoat with high coverage transparency and used in furniture, cabinets and a wide variety of wood finishing processes.
Restrictions on use:	There are not known restrictions on use of the product.
Supplier's details:	Renner Wood Coatings
Address:	651, Michael Wylie Drive, Charlotte - NC - USA
Phone number(s):	1 704 527 9261
Emergency phone number:	001 800 255 3924

2 - HAZARD IDENTIFICATION

Classification of the substance or mixture:	Acute Toxicity - Oral - Category 4 Acute Toxicity - Dermal - Category 5 Acute Toxicity - Inhalation - Category 4 Skin Corrosion/Irritation - Category 3 Reproductive Toxicity - Category 1B Specific Target Organ Toxicity - Single Exposure - Category 1 Specific Target Organ Toxicity - Repeated Exposure - Category 2
Classification system adopted:	Globally Harmonized System of Classification and Labeling of Chemicals (GHS), United Nations.

GHS label elements, including precautionary statements

Pictograms:



Signal word:	DANGER
Hazard statement(s):	H302 Harmful if swallowed. H313 May be harmful in contact with skin. H316 Causes mild skin irritation. H332 Harmful if inhaled. H360 May damage fertility or the unborn child. H370 Causes damage to central nervous system. H373 May cause damage to blood through repeated or prolonged exposure.

Precautionary statement(s):	PREVENTION:
-----------------------------	--------------------



SAFETY DATA SHEET

Product: YO10.1062.00US - HYDRO INT. NEUTRAL 10 SHEEN

Revision: 02

Date: 2018/03/28

Pages: 2/ 9

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe mist or aerosol vapors.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves, protective clothing, eye protection and face protection.

RESPONSE:

P301 + P312 IF SWALLOWED: Call a POISON CENTER or a doctor, if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P312 Call a POISON CENTER or a doctor, if you feel unwell.
P314 Get medical advice/attention if you feel unwell.
P321 Specific treatment.
P330 Rinse mouth.
P332 + P313 If skin irritation occurs: Get medical advice/attention.

STORAGE:

P405 Store locked up.

DISPOSAL:

P501 Dispose of contents and container in accordance with local regulations.

Other hazards which do
not result in
classification:

It is not expected that product presents specific hazards.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURES

Components contributing
to the hazard:

Ethylene glycol mono-n-butyl ether (CAS 111-76-2):	4.136 - 6.893%
Paraffin waxes and hydrocarbon waxes (CAS 68918-93-4):	0.581 - 0.968% ¹
1-methyl-2-pyrrolidone (CAS 872-50-4):	0.230 - 0.384%
Triethylamine (CAS 121-44-8):	0.098 - 0.163% ²

¹The hazards arising from the inhalation of this ingredient are not parameters for the classification of the mixture, since, both the physico-chemical characteristics and the adequate understanding of specialists, when a solid ingredient in the form of powder is diluted in a liquid mixture, its not biologically available to cause its harms.

²The ingredient do not contribute to the hazard, but has occupational exposure limit established according to Section 8.



SAFETY DATA SHEET

Product: YO10.1062.00US - HYDRO INT. NEUTRAL 10 SHEEN

Revision: 02

Date: 2018/03/28

Pages: 3/ 9

4 - FIRST-AID MEASURES

Routes of exposure

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the victim feels unwell, contact a TOXICOLOGICAL INFORMATION CENTER or a doctor. Bring this SDS.
Skin:	Wash exposed skin with sufficient amount of water to remove the material. Take off and isolate contaminated clothing and shoes. In case of skin irritation: contact a doctor. Bring this SDS.
Eye:	Wash carefully with water for several minutes. In case of use of contact lenses, remove them, if possible. Keep washing. If eyes irritation continues: Contact a doctor. Bring this SDS.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse the victims mouth with water in abundance. If the victim feels unwell, contact a TOXICOLOGICAL INFORMATION CENTER or a doctor. Bring this SDS.
Most important symptoms/effects, acute and delayed:	May be harmful in contact with skin, harmful if swallowed and inhaled. Causes irritation to skin redness and dryness. The single exposure may cause damage to central nervous system. Repeated exposure may cause damage to blood.
Indication of immediate medical attention and special treatment needed, if necessary:	Avoid contact with the product to help the victim. Keep victim warm and quiet. Symptomatic treatment should comprise mainly supportive measures such as correction of electrolyte disturbances, metabolic, and respiratory support. In case of skin contact do not rub the affected site.

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Appropriate: Compatible with carbon dioxide (CO ₂), foam, water mist and powder Inappropriate: Water jet directly.
Specific hazards arising from the chemical:	The combustion or the chemical containers may form toxic and irritant gases such as carbon monoxide and carbon dioxide. Vapors may be heavier than air and tend to accumulate in low or confined areas, such as sewers and basements. Containers may explode if heated.
Special protective actions for fire-fighters:	Use self-contained breathing apparatus (SCBA) operated in positive pressure mode and complete protective clothing. Containers and tanks involved in the fire should be cooled with water mist.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Do not smoke. Avoid exposure to the product. If necessary, use personal protective equipment as described in Section 8.
For emergency responders:	Use protective equipment as described in Section 8.
Environmental precautions:	Avoid that the spilled material reaches waterways or sewage system.



SAFETY DATA SHEET

Product: YO10.1062.00US - HYDRO INT. NEUTRAL 10 SHEEN

Revision: 02

Date: 2018/03/28

Pages: 4/ 9

Methods and materials for containment and cleaning up:	Use water mist or vapor suppressing foam to reduce the dispersion of vapors. Use natural barriers or spill containment. Collect spilled material and put it into containers. Adsorb the remaining product with dried sand, vermiculite or any other inert material. Put the adsorbed material in appropriate containers and remove them to a safe place. Use tools that do not cause sparks to collect absorbed material. For final destination, proceed pursuant to Section 13 of this SDS.
--	--

7 - HANDLING AND STORAGE

Precautions for safe handling

Safe handling of the substance or mixture:	Handle in a well ventilated area or with general system of ventilation/local exhaust. Avoid vapors and mists formation.
General hygiene:	Wash hands and face thoroughly after handling and before eating, drinking, smoking or going to the bathroom. Do not eat, drink or smoke while using this product.

Conditions for safe storage, including any incompatibilities

Technical measures for prevention of fire and explosion:	It is not expected that the product presents a fire or explosion hazard. Use personal protective equipment as described in Section 8.
Adequate conditions:	Store in a well ventilated place away from sunlight. Keep container closed. Keep away from high temperatures. Keep stored at room temperature not exceeding 35°C (95°F).
Packaging compatibilities:	Plastic

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limit:	<u>-Triethylamine:</u> TLV - TWA (ACGIH, 2015): 1 ppm TLV - STEL (ACGIH, 2015): 3 ppm. <u>-Ethylene glycol mono-n-butyl ether:</u> TLV - TWA (ACGIH, 2015): 20 ppm.
Biological limit:	<u>-Ethylene glycol mono-n-butyl ether:</u> BEI (ACGIH, 2015): Butoxyacetic acid (BAA) in urine (End of shift): 200 mg/g creatinine <u>-1-methyl-2-pyrrolidone:</u> BEI (ACGIH, 2012): 5-Hydroxy-N-methyl-2-pyrrolidone in urine (end of shift): 100 mg/L
Other limits and values:	<u>-Triethylamine:</u> IDLH (NIOSH 2011): 200 ppm
Appropriate engineering controls:	Promote direct mechanical ventilation and exhaust system to the outside environment. These measures help reduce exposure to product.
Individual protection measures, such as personal protective equipment (PPE)	
Eye/face protection:	Safety glasses or face shield.
Skin protection:	Safety shoes, pants and long sleeve cotton shirt with clenched fists for protection of whole body against chemical splash. Butyl rubber, nitrile rubber, latex, neoprene or PVC protective gloves.
Respiratory protection:	Respiratory protective mask with filter for organic solvents.



In accordance with Globally Harmonized System of
Classification and Labelling of Chemicals (GHS)-
Chapter 1.5 and Annex 4

SAFETY DATA SHEET

Product: YO10.1062.00US - HYDRO INT. NEUTRAL 10 SHEEN

Revision: 02

Date: 2018/03/28

Pages: 5/ 9

Thermal hazards: Does not present thermal hazards.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Not available.
Odour:	Not available.
Melting point/freezing point:	Not available.
Boiling point or initial boiling point and boiling range:	Not available.
Flammability:	Not applicable.
Lower and upper explosion limit/flammability limit:	Not available.
Flash point:	> 93.3°C - 199.94°F (closed cup)
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
pH:	8 to 9
Kinematic viscosity:	Not available.
Solubility:	Miscible in water.
Partition coefficient n-octanol/water (log value):	Not available.
Vapour pressure:	Not available
Density and/or relative density:	1.016 to 1.056 at 25°C (77°F)
Relative vapour density:	Not available
Particle characteristics:	Not available
Other information:	VOC: 66.75 g/L; VOC: 0.557 lb/US gal HAP: 0.00 g/L; HAP: 0.000 lb/US gal

10 - STABILITY AND REACTIVITY

Reactivity:	Reactivity is not expected under normal conditions of temperature and pressure.
Chemical stability:	Product is stable under normal conditions of temperature and pressure.
Possibility of hazardous reactions:	Ethylene glycol mono-n-butyl ether: If the product is Subjected to distillation, his distillate does not contain the inhibitor and subject to the formation of peroxides, there is danger of explosion When heated. Triethylamine: Strong exothermic reaction with acids.
Conditions to avoid:	Elevated temperatures. Contact with incompatible materials.



SAFETY DATA SHEET

Product: YO10.1062.00US - HYDRO INT. NEUTRAL 10 SHEEN

Revision: 02

Date: 2018/03/28

Pages: 6/ 9

Incompatible material: Acetaldehyde, acrylic acid, hydrochloric acid, chlorosulfonic acid, acids, oxidizing agents, aluminum, amines, acid anhydride, strong base, rubber, chlorine, very reactive compounds with hydroxyl groups, oxygen difluoride, dimethyl sulfate, epoxides, phenols, fluorine, acid halides, halogen, isocyanates, metals, light metals, nitromethane, potassium permanganate, peroxides, plastic, bromine trifluoride, chloro trifluoride and zinc.

Hazardous decomposition products: There are not known hazardous decomposition products.

11 - TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful if swallowed. May be harmful in contact with skin. Harmful if inhaled.

Acute Toxicity Estimate (ATE)

ATE_m (oral): 1914.792 mg/kg

ATE_m (dermal): 2393.490 mg/kg

ATE_m (inhalation, 4h): 14.361 mg/L

Information regarding to:

-Triethylamine:

LD₅₀ (oral, rats): 460 mg/kg

LD₅₀ (dermal, rabbits): 420 mg/kg

LC₅₀ (inhalation, vapors, rats): 516 mg/L

-Ethylene glycol mono-n-butyl ether:

LD₅₀ (oral, rabbits): 320 mg/kg

LD₅₀ (dermal, rabbits): 400 mg/kg

LC₅₀ (inhalation, vapors, rats): 24 mg/L

-1-methyl-2-pyrrolidone:

LD₅₀ (oral, rats): 3914 mg/kg

Skin corrosion/irritation: Causes mild skin irritation with redness and dryness.

Serious eye damage/irritation: It is not expected that the product causes eye irritation.

Respiratory or skin sensitization: It is not expected that the product causes respiratory or skin sensitization.

Germ cell mutagenicity: It is not expected that the product presents germ cell mutagenicity.

Carcinogenicity: It is not expected that the product presents carcinogenicity.

Reproductive toxicity: May damage fertility or the unborn child.

STOT - Single exposure: Causes damage to central nervous system.

STOT - Repeated exposure: May cause damage to blood through repeated or prolonged exposure.

Aspiration Hazard: May cause haemolytic effects.

Aspiration Hazard: It is not expected that the product presents aspiration hazard.

12 - ECOLOGICAL INFORMATION

Toxicity: It is not expected that the product presents ecotoxicity.

Persistence and degradability: Due to the lack of data, it is expected that the product presents persistence and it is not considered readily biodegradable.

Bioaccumulative potential: It is not expected that the product presents bioaccumulative potential in aquatic organisms.

Mobility in soil: Not determined.



SAFETY DATA SHEET

Product: YO10.1062.00US - HYDRO INT. NEUTRAL 10 SHEEN

Revision: 02

Date: 2018/03/28

Pages: 7/ 9

Other adverse effects: There are not known other environmental effects for this product.

13 - DISPOSAL CONSIDERATIONS

Disposal methods

Must be disposed of as hazardous waste in compliance with local regulations. The treatment and disposal should be evaluated for each specific product. Keep the product remains in its original and properly closed containers. Disposal should be performed as established for the product.

14 - TRANSPORT INFORMATION

Road:	UN - "United Nations" Recommendations on the TRANSPORT OF DANGEROUS GOODS. Model Regulations
Rail:	Convention concerning International Carriage by Rail (COTIF) Appendix C - Regulations concerning the International Carriage of Dangerous Goods by Rail - RID
Sea:	IMO - International Maritime Organization International Maritime Dangerous Goods Code (IMDG Code)
Air:	IATA - International Air Transport Association Dangerous Goods Regulation (DGR)
UN number:	Not classified as hazardous to transport in different modals.
Special precautions for user:	There is no need of special precautions.
Transport in bulk according to MARPOL 73/78, Annex II, and the IBC Code:	Consult regulations: - International Maritime Organization. MARPOL: Articles, protocols, annexes, unified interpretations of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, consolidated edition. IMO, London, 2006. - International Maritime Organization. IBC code: International code for the construction and equipment of shipping carrying dangerous chemicals in bulk: With Standards and guidelines relevant to the code. IMO, London, 2007.

15 - REGULATORY INFORMATION

Convention concerning Safety in the use of Chemicals at Work (Convention 170) - International Labour Organization, 1990;

International Organization for Standardization - ISO 11014:2009.

TSCA status: We certify that all the components of this product are listed on the TSCA Inventory.

DSL status: We certify that all the components of this product are listed on the DSL.

Prop.65: WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

1-Methyl-2-pyrrolidone [NMP] 872-50-4

16 - OTHER INFORMATION



In accordance with Globally Harmonized System of
Classification and Labelling of Chemicals (GHS)-
Chapter 1.5 and Annex 4

SAFETY DATA SHEET

Product: YO10.1062.00US - HYDRO INT. NEUTRAL 10 SHEEN

Revision: 02

Date: 2018/03/28

Pages: 8/ 9

This SDS was prepared based on current knowledge about the proper product handling and under normal conditions of use, in accordance with the application specified on the packaging. Any other use of the product involving their combination with other materials, and use various forms of those indicated, are the responsibility of the user. Warns that the handling of any chemical substance requires the prior knowledge of its hazards for the user. In the workplace it is for the user company's product promotes training of its collaborators about the possible risks arising from exposure to the chemical.

SDS elaborated in August 2017.

Change control:

Version	Publication Date	Changes
02	2017/08/04	VOC inclusion

Hazard classification of chemical: Health: 1
Flammability: 0
Instability: 0

Classification system adopted: National Fire Protection Association: NFPA 704.

Hazard classification of chemical: Health: 2*
Flammability: 0
Physical Hazard: 0
Personal Protection: G

Classification system adopted: National Paint & Coatings Association: NPCA.
NFPA 704:



HMIS:

HEALTH	*	2
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		G



In accordance with Globally Harmonized System of
Classification and Labelling of Chemicals (GHS)-
Chapter 1.5 and Annex 4

SAFETY DATA SHEET

Product: YO10.1062.00US - HYDRO INT. NEUTRAL 10 SHEEN

Revision: 02

Date: 2018/03/28

Pages: 9/ 9

Abbreviations:

ACGIH - *American Conference of Governmental Industrial Hygienists*

BEI - *Biological Exposure Index*

CAS - *Chemical Abstracts Service*

IDLH - *Immediately Dangerous to Life or Health*

LC₅₀ - *Lethal Concentration 50%*

LD₅₀ - *Lethal Dose 50%*

NIOSH - *National Institute for Occupational Safety and Health*

STEL - *Short Term Exposure Limit*

TLV - *Threshold Limit Value*

TWA - *Time Weighted Average*

VOC - *Volatile Organic Compound*

Bibliographic references:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS). 6. rev. ed. New York: United Nations, 2015.