MATERIAL SAFETY DATA SHEET
In compliance with OSHA 29 CFR 1910.1200
N.ap means Not Applicable NIA means No Information Available

BELZONA INC.,
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MIAMI,
FL 33172

EMERGENCY PHONE NUMBERS
(Spill, Leak, Fire, Exposure or Accident)
800 424 9300 - Toll free in United States
202 483 7616 - For calls from outside the United States
INFORMATION PHONE NUMBER
305 594 4994 - Working hours only

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER : US 9111/03
PRODUCT NAME : Belzona® 9111 (Cleaner/Degreaser)
PRODUCT CLASS : Solvent

SECTION II - HAZARDOUS INGREDIENTS/TOXICOLOGICAL DATA

Hazardous Components	% by Weight	CAS Number	Exposure Limits OSHA PEL mg/m³	ACGIH TLV ppm	ACGIH TLV mg/m³	Toxicity LD_{50} Oral	LD_{50} Dermal	LC_{50} Inhal ppm
C9-C11 Aromatic Hydrocarbon	*	70693-06-0	NIA	NIA	NIA	>5g/kg	>3g/kg	NIA
Naphtha (petroleum) hydrotreated, heavy	*	64742-48-9	NIA	NIA	NIA	(for the mixture)		

* Proprietary mixture - no information available

CARCINOGENICITY
None of the ingredients are listed as carcinogens by OSHA, NTP, ACGIH or IARC.

SECTION III - PHYSICAL DATA

APPEARANCE AND ODOR : Clear colorless liquid with solvent odor.
BOILING POINT : 362–405°C
SPECIFIC GRAVITY : 0.82–0.85
VAPOR PRESSURE : <1 mm Hg @ 25°C
VAPOR DENSITY : >1 Air=1
EVAPORATION RATE : NIA
% VOLATILE BY VOLUME : 100%
SOLUBILITY IN WATER : Negligible (<0.1%)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : 145°F
TEST METHOD : Tag Closed Cup
EXPLOSION LIMITS LOWER : 0.6%
UPPER : 7.0%

OSHA FLAMMABILITY CLASS : Not flammable but combustible.
FLAMMABILITY INDEX (NFPA) : 2
REACTIVITY INDEX (NFPA) : 0
HEALTH HAZARD (NFPA) : 1 Slight
EXTINGUISHING MEDIA : Water fog (not a direct stream of water), foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES
Wear protective clothing and use self-contained breathing apparatus. Full bunker gear should be worn in extreme cases. Use sand to contain burning material.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Vapors can form explosive mix with air. Decomposition and combustion products may be hazardous.

SECTION V - HEALTH HAZARDS

ROUTE(S) OF ENTRY : Skin contact, skin absorption, eye contact, inhalation.
PRIME HAZARD(S) : Irritation

EFFECTS OF EXPOSURE

Acute : Skin, eye and respiratory tract irritant. Inhalation of vapors at elevated temperatures causes nausea, dizziness, headache and irritation of respiratory tract.

Chronic : Irritation, dryness/flaking of skin and possible dermatitis.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation : If symptoms are experienced move victim to fresh air. If recovery is delayed or there are signs of distress obtain medical attention immediately.

Eye contact : Flush eyes with water for 15 minutes. Seek medical advice if any irritation persists.

Skin contact : Immediately remove excess with a clean cloth and wash skin thoroughly with soap and water. If irritation or inflammation persists, seek medical advice.

Ingestion : If swallowed, do not induce vomiting. Rinse mouth with water and drink plenty of water. Call TAMPA BAY Regional Poison Center (Tel.No.1-800-282-3171) and/or seek medical advice.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None known.

SECTION VI - REACTIVITY DATA

STABILITY : Stable
STABILITY CONDITIONS TO AVOID : N.ap

INCOMPATIBILITY (MATERIALS TO AVOID CONTACT WITH)
Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS
Gaseous combinations of carbon, hydrogen and oxygen may occur at elevated temperatures.

HAZARDOUS POLYMERIZATION
Hazardous polymerization will not occur when stored and used as directed.

POLYMERIZATION CONDITIONS TO AVOID
N.ap

SECTION VII - SPILL AND LEAK PROCEDURES

SPILLAGE
Ventilate well, stop flow of liquid. Remove ignition sources. Do not allow to enter water courses. Absorb with an inert material (e.g. earth or sand). Sweep up, place into suitable labelled containers, seal and dispose of properly.

WASTE DISPOSAL METHODS
Dispose of in accordance with Local, State and Federal Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE MEASURES

RESPIRATORY : In confined areas or where good natural/mechanical ventilation is not available, an appropriate NIOSH or MSHA approved respirator should be worn.

SKIN : Impermeable gloves, such as Nitrile, Neoprene or PVC. Wash hands with soap and water and use hand cream. Wear suitable protective clothing to minimize skin contact. Remove contaminated clothing and wash before reuse.

EYE : Safety glasses or goggles.
Eyewash station.

MECHANICAL PROTECTIVE MEASURES

VENTILATION : Where adequate natural ventilation is not available provide suitable local exhaust ventilation.

OTHER PROTECTIVE EQUIPMENT
: Where there is a risk of contamination of footwear, safety boots should be worn.

OTHER COMMENTS
: N.ap

SECTION IX - SAFE HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS
HANDLING
Avoid breathing vapors and contact with skin and eyes.

STORAGE
Overheating may cause containers to rupture. Containers should be stored under cool dry conditions. Empty containers will retain residue and may be dangerous. Check all containers for leaks at regular intervals and before use.

HYGIENE PRACTICES
When using, do not eat, drink or smoke. Remove contaminated clothing and launder before reuse. Wash hands with soap and water after handling this product.

SECTION X - REGULATORY INFORMATION

SARA TITLE III - NOTIFICATION OF TOXIC CHEMICALS
None of the constituents of this product is subject to reporting requirements under section 313 of the Superfund Amendment & Reauthorization Act of 1986 (40 CFR Part 372).

DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, some of the information presented and conclusions drawn are derived from sources other than direct test data on the product itself and while Belzona Inc., believe such sources to be reliable, the information is provided without any warranty regarding its correctness.
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