MATERIAL SAFETY DATA SHEET

PRODUCT NAME: COLOR FUEL LEAVE-IN TREAT.
FORMULA #: 20528-04

This form is regarded to be in compliance with 29 CFR Part 1910.1200

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product type: Finished Product – Consumer (Retail) Use only
Product Description:: Isoparaffinic Hydrocarbon

Recommended use: Household and Industrial Product
Uses advised against: All other uses

Manufacturer's Name: Robanda International
Address : 8260 Camino Santa Fe, Suite A
City, State, Zip: San Diego, CA 92121

Business Telephone: (619)276-7660
E-mail address: sales@robanda.com

SECTION 2: COMPOSITION/INFORMATIONN ON INGREDIENTS

Reportable Hazardous Substances(s) or Complex Substances(s)

NAME	CAS#	CONCENTRATION
Naptha (Petroleum), Light Alkylate	64741-66-8	100%

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This material is considered to be hazardous according to regulatory guidelines (see (M)SDS Section 15)

POTENTIAL PHYSICAL/ CHEMICAL EFFECTS

Flammable: Material can release vapors that readily form flammable mixtures. Vapor accumulation could flash and or explode if ignited. Material can accumulate static charges which may cause ignitions

POTENTIAL HEALTH EFFECTS

Repeated exposure may cause skin dryness or cracking. If swallowed, may be aspirated and cause lung damage. May be irritating to the eyes, nose, throat and lungs. May cause central nervous system depression.

NFPA Hazard ID: Health 1 Flammability: 3 Reactivity: 0
NMIS Hazard ID: Health 1 Flammability: 3 Reactivity: 0

NOTE: This material should not be used for any other purpose than the intended use of Section 1 without export advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 4: FIRST AID MEASURES

Inhalation:

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical advice or use mouth-to-mouth resuscitation

Skin Contact: Wash contact area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present after 5 minutes then continue rinsing. If symptoms persist, call a physician.

Ingestion: Seek immediate attention. Do not induce vomiting

Protection of First-aiders: Use personal protection equipment

Notes to physician If ingested, material may be aspirated into the lungs and cause chemical pneumonitis, treat appropriately. This light hydrocarbon material, or a component, may be associated with cardiac sensitization following very high exposures (well above occupational exposure limits) or with concurrent exposure to high stress levels or heart-stimulating substances line epinephrine. Administration of such substances should be avoided.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames
Inappropriate Extinguishing Media: Straight streams of water.

FIRE FIGHTING:

Fire Fighting Instructions: Evacuate areas, if a leak or spill has not ignited, use water spray to disperse the vapors and to protect personnel attempting to stop a leak. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Fire Fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spay to cool fire exposed surfaces and to protect personnel.

FLAMABILITY PROPERTIES

Flash Point [Method]: 7C (45F) [ASTM D-56]
Flammability Limits (Approximate volume % in air): LEL: 0.9 UEL: 6.2
Auto-ignition Temperature: 395 C (743 F)

SECTION 6: ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National Response Center can be reached at (800)424-8802.

PROTECTIVE MEASURES

Avoid contact with spilled material. Warm or evacuate occupants in surrounding and downwind area of required due to toxicity or flammability of the material. See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for Personal Protective Equipment

SPILL MANAGEMENT

LAND SPILL: Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area) Stop leak if you can do it without risk. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Prevent entry into waterways, sewer, basements or confined areas. A vapor suppressing foam may be sued to reduce vapors. Use clean non-sparking tools to collect absorbed material. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Large Spills: Water spray may reduce vapor, but may not prevent ignition n closed spaces.

WATER SPILL: Stop leak if you can do it without risk. Eliminate sources of ignition. Warn other shipping. If the Flash Point exceeds the Ambient Temperature by 10 degrees C or more, use containment booms and remove from the surface by skimming or with suitable absorbents when conditions permit. If the Flash Point does not exceed the Ambient Temperature by at least 10C, use booms as a barrier to protect shorelines and allow material to evaporate. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this material, however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken,

ENVIRONMENTAL PRECAUTIONS

LARGE SPILLS: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7: HANDLING AND STORAGE

Advice Of Safe Handling: Keep out of reach of children. Observe label precautions.

Technical Measures/Storage Conditions:

Keep out of the reach of children.
Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: Exposure guidelines are not relevant when product is used as intended in a household setting.

SOURCE	FORM	LIMIT	STANDARD	NOTE	SOURCE
Naptha (Petroleum) Light Alkylate	Vapor	RCP-TWA	1200 mg/m3 241 ppm	Total Hydrocarbon	Exxon/ Mobil

NOTE: Limit & Standards are shown for guidance only, Follow applicable regulations

ENGINEERING CONTROLS:
The level of protection and type of controls necessary will vary depending upon potential exposure conditions
Control Measures to Consider: Adequate ventilation should be provided so that exposure limits are not exceeded
Use explosion-proof ventilation equipment.

PERSONAL PROTECTION EQUIPMENT

Eye Protection:	Provide eye protection based on risk assessment
Hand Protection:	For prolonged & repeated exposure use protective gloves
Skin & Body Protection:	For prolonged & repeated exposure use protective clothing
Respiratory Protection:	Base respirator selection on a risk assessment
Thermal Hazards:	Wear appropriate protective gear based on assessment of situation

HYGIENE MEASURES: Avoid breathing vapors, mist or gas, when using do not eat drink or smoke.

Environmental Exposure Controls: (See Section 6)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State @ 20C: Liquid
Appearance: Clear Liquid
Odor: Mild Petroleum Solvent

PROPERTY	VALUES	NOTE
pH Value	Not Applicable	(anhydrous)
Melting/Freezing point	Not Applicable	
Boiling Point / Range:	115C (239F) / 140C (284F)	
Flash Point:	7C (459F) [ASTM D-56]	
Evaporation rate (n-butyl acetate = 1)**:**	2.08	
Flammability Limits (Approximate volume % in air):	LEL 0.9 UEL 6.2	
Vapor Pressure:	2.37 kPa (17.82 mm Hg) at 20C	
Vapor Density:	4.1 at 101 kPa	
Relative density:	0.79 – 0.83	
Water Solubility:	Negligible	
Solubility in other solvents	No information available	
Auto-ignition temperature:	395C (743F)	
Viscosity of Product:	0.70 cSt (0.72 mm2/sec) at 40C [] 0.85 cSt (0.86 mm2/sec) at 25C	
Bulk Density:	Not Applicable (Liquid Product)	
VOC Content:	Products comply with U.S. State and federal regulations for VOC content in consumer products.	

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None under normal use conditions.

Stability: Stable under normal conditions

Hazardous Polymerization: Hazardous polymerization does not occur

Hazardous Reactions: None under normal conditions

Materials to Avoid: Avoid Oxidizers

Hazardous Decomposition: None under normal use

SECTION 11: TOXICOLOGIAL INFORMATION

Product information

Acute toxicity:

ROUTE of Exposure	Conclusion / Remarks
INHALATION	
Toxicity: Data Available	Minimally Toxic based on test data for the material
Irritation: Data Available	Negligible hazard at ambient/normal handling temperatures Based on test data for structurally similar materials
INGESTION	
Toxicity: LD50 > 10000 mg/kg	Minimally Toxic based on test data for the material
SKIN	
Toxicity: LD50 > 3160 mg/kg	Minimally Toxic based on test data for the material
Irritation: Data Available	Mildly irritating to skin with prolonged exposure, Based on test data for structurally similar materials
EYE	
Irritation: Data Available	May cause mild, short-lasting discompfort 10 eyes, Based on test data for structurally similar materials

Chronic toxicity: For Product itself:

Vapor/aerosol concentration above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects including death.
Small amounts of liquid aspirated into the lungs during ingestion or form vomiting may cause chemical pneumonitis or pulmonary edema. Very high exposure (confined spaces / abuse) to light hydrocarbons may result in abnormal heart rhythm (arrhythmias). Concurrent high stress levels and/or co-exposure to high levels of hydrocarbons (above occupational exposure limits), and to heart-stimulating substance like epinephrine, nasal decongestants, asthma drugs, or cardiovascular drugs may initiate arrhythmias.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOCICITY

Material – Expected to be toxic to aquatic organism. May cause long-term adverse effects in the aquatic environment

MOBILITY

Material – Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater

PERSISTENCE & DEGRADABILITY:

Biodegradation:	Material – Expected to be inherently biodegradable
Hydrolysis:	Material – Transformation due to hydrolysis not expected to be significant
Photolysis:	Material – Transformation due to photolysis not expected to be significant
Atmospheric Oxidation:	Material – Expected to degrade rapidly in air

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SECTION 13: DISPOSAL CONSIDERATION

DISOSAL RECOMMENDATIONS

Product is suitable for burning in an enclosed controlled buner for feuld value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

DISOSAL RECOMMENDATIONS

RCRA Information: Disposal of unused product may be subject to RCRA reglations (40 CFR 261). Disposal of the used product may also be regulated due to ignitability, corrosivity, reactivity or toxicity as determined by the Toxicity Characteristic Leaching Procedure (TCLP). Potential RCRA characteristics: IGNITABILITY.

EMPLYT CONTAINER WARNING

Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions.

SECTION 14: TRANSPORTATION INFORMATION

LAND (DOT) **Proper Shipping Name:** PETROLEUM DISTILLATES, N.O.S. [] **Hazard Class & Division:** 3 []
ID Number: 1268 [] **Packing Group:** II [] **Marine Pollutant:** YES [] **ERG Number:** 128 [] **Label(s)** 3
Transport Document Name: UN1268, PETROLEUM DISTILLATES, N.O.S., 3, PG II,
MARINE POLLUTANT (Octanes)

LAND (TDG) **Proper Shipping Name:** PETROLEUM DISTILLATES, N.O.S. [] **Hazard Class & Division:** 3 []
ID Number: 1268 [] **Packing Group:** II [] **Marine Pollutant:** YES [] **ERG Number:** 128 [] **Label(s)** 3
Footnote: Marine Pollutant designation is applicable only if shipped over water

SEA (IMDG) **Proper Shipping Name:** PETROLEUM DISTILLATES, N.O.S. [] **Hazard Class & Division:** 3 []
EMS Number: F-E, S-E **[]** **UN Number:** 1268 [] **Packing Group:** II [] **Marine Pollutant:** YES [] **Label(s)** 3
Transport Document Name: UN1268, PETROLEUM DISTILLATES, N.O.S., 3, PG II, (7C c.s.)
MARINE POLLUTANT (Octanes)

AIR (IATA) **Proper Shipping Name:** PETROLEUM DISTILLATES, N.O.S. [] **Hazard Class & Division:** 3 []
UN Number: 1268 [] **Packing Group:** II [] **Label(s) / Mark:** 3
Transport Document Name: UN1268, PETROLEUM DISTILLATES, N.O.S., 3, PG II

SECTION 15: REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purpose, this material is classified as hazardous in accordance with OSHA 29CFR 1910.1200

NATIONAL CHEMICAL INVENTORY LISTING: AICS, IECSC, DSL, EINECS, ENCS, KECI, PICCS, TSCA

EPCRA: This material contains no extremely hazardous substances.

CERCLA: This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Contact local authorities to determine if other reporting requirements apply.

CWA /OPA: This product is classified as an oil under Section 311 of the Clean Water Act (40 CFR 110) and the Oil Pollution Act of 1990. Discharge or spills which product a visible sheen on either surface water, or in waterways/sewers which lead to surface water, must be reported to the National Response Center at 800-424-8802

SARA (311/312) Reportable Hazard Categories; Fire

SARA (313) Toxic Release Inventory: This product contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

U.S. State Regulations: California Proposition 65:

This product does is not subject to warning labeling under California Proposition 65.

SECTION 16: OTHER INFORMATION

Issuing Date: 2/26/2019
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Disclaimer

The information provided in the Safety Data Sheet is correct to the bet of our knowledge, information and belief at the date of it's publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designed and may not be valid for such material used in combination with other materials or in any process, unless specific in the text.

END of MSDS