

14-JAN-09  
VALONA 2145 S

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To Whom It May Concern:

As you requested, attached is a copy of a Material Safety Data Sheet covering (our ref. no. 201991) VALONA 2145 S.

Title III of the Superfund Amendments and Reauthorizations Act (SARA) requires chemical suppliers of mixtures and trade name products to provide information to their customers sufficient for them to comply with the requirements of Section 313.

Material Safety Data Sheets (MSDS's) have been updated to include the section 313 information.

Erick Aho  
Chemist

## MATERIAL SAFETY DATA SHEET FOR VALONA 2145 S

TOTAL Lubricants USA, Inc.  
Airport Road  
Rockingham NC 28379-1058

REVISION DATE  
28-SEP-06

DATE ISSUED  
14-JAN-09

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**IDENTIFICATION AND EMERGENCY INFORMATION**

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PRODUCT NAME:  
VALONA 2145 S

PRODUCT #:  
201991

CHEMICAL NAME:  
N/A - Mixture

CAS #'S:  
Mixture

PRODUCT APPEARANCE AND ODOR:  
Amber liquid, petroleum odor

CHEMICAL FAMILY:  
Petroleum hydrocarbon

SYNONYMS:  
Petroleum metal-working fluid

EMERGENCY TELEPHONE:  
910-997-5086

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**COMPONENTS AND HAZARD INFORMATION**

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COMPONENTS: W/W HAZARD DATA (TLV, LD50, LC50, ETC.):

Petroleum based lubricating oil 5 mg/m3 ACGIH/OSHA TWA  
CAS Nos. 64742-46-7 (as an oil mist)  
64742-52-5

Methyl tallowate n/e  
CAS No. 61788-61-2

Chlorinated Paraffins n/e  
CAS No. 61788-76-9

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):

Health	Flammability	Reactivity
1	1	0

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**TRANSPORTATION INFORMATION**

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TRANSPORTATION/SHIPPING INFORMATION:

Department of Transportation (DOT): Not regulated

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**EMERGENCY FIRST AID**

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EYE CONTACT:

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT:

In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water.

INHALATION:

Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately



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**HEALTH AND HAZARD INFORMATION**

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be minimized.

EFFECTS OF OVEREXPOSURE (Signs and symptoms of exposure):

Prolonged or repeated skin contact with this product tends to remove skin oils possibly leading to irritation and dermatitis.

Product contacting the eye may cause irritation.

Product has a low order of oral and dermal toxicity.

Possible aspiration hazard.

Induced vomiting may cause aspiration of product into the lungs.

(See Emergency First Aid Section).

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**PHYSICAL DATA**

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The following data are approximate or typical values and should not be used for precise design purposes.

BOILING RANGE:  
Not available

VAPOR PRESSURE:  
< 0.1 mmHg @ 20°C

SPECIFIC GRAVITY (25°C/25°C):  
(WATER = 1)  
< 1.0

VAPOR DENSITY (AIR = 1):  
> 5

MOLECULAR WEIGHT:  
Wide range

PERCENT VOLATILE BY VOLUME:  
Negligible

EVAPORATION RATE @ 1 ATM. AND 25°C  
(77°F) (n-BUTYL ACETATE = 1):  
Not available

SOLUBILITY IN WATER @ 1 ATM. and 25°C  
(77°F):  
Nil

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**REACTIVITY**

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This product is stable and will NOT react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite, etc., as this represents an explosion hazard.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:

Fumes, smoke, carbon monoxide, and other decomposition products, in case of incomplete combustion.

CONDITIONS TO AVOID:  
Open flames.

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**TOXICITY**

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ORAL (Acute)	N/E
DERMAL (Acute)	N/E
EYE	N/E
INHALATION (Acute)	N/E

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**TOXICITY**

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CHRONIC, SUBCHRONIC, ETC. N/E  
Medical Conditions Aggravated by Exposure: Unknown  
This product does NOT contain any ingredients identified as carcinogenic by IARC, NTP, or OSHA.  
Chlorinated paraffins are a class of compounds that are similarly manufactured but which vary in molecular structure by carbon chain length and degree of chlorination.  
SARA Section 313 Status: This product contains the following reportable substance:  

Chemical name	% (wt.)
Polychlorinated alkanes C10-C13	2.5 %

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**SPILL OR LEAK PROCEDURES**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
Keep product out of sewers and watercourses by diking or impounding. Absorb with sand or inert material. Sweep or scoop up and remove. Prevent spread of spill. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with local regulations.

WASTE DISPOSAL METHOD: (Consult federal, state, or local authorities for proper disposal procedures.)  
Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste site or facility.

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**PROTECTION AND PRECAUTIONS**

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VENTILATION: (Always maintain below permissible exposure limits.)  
Use local exhaust to capture vapor, mist or fumes, if necessary.  
Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air.

RESPIRATORY PROTECTION: (Use only NIOSH approved equipment.)  
Normally not needed at ambient temperatures. Use supplied air respiratory protection in confined or enclosed spaces, if needed. Use filter, dust, fume, or mist respirator type under misting conditions. Use can or cartridge; gas or vapor respirator type under conditions exceeding TWA standard.

PROTECTIVE GLOVES:  
Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION:  
Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT:  
Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK PRACTICES/ENGINEERING CONTROLS:

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**PROTECTION AND PRECAUTIONS**

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Keep containers closed when not in use. Do not handle near heat, sparks, flame or strong oxidants.

**PERSONAL HYGIENE:**

Minimize breathing vapor, mist, or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

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PREPARED BY: Erick Aho

CHEMIST

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