



**\*\*\* MATERIAL SAFETY DATA SHEET \*\*\***

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NUMBER	28-041A
PRODUCT NAME	HYDROVANCE™ Moisturizing agent
Distributor	Saffire Blue Inc. 1444 Bell Mill Road Tillsonburg, ON N4G4G9 Canada Tel: 519-286-0295
	EMERGENCY PHONES:
	MEDICAL: 866-359-5657 (Health & Safety Call Center-24 hours)
	TRANSPORT: CHEMTREC: 800-424-9300 (24 hours)
	CHEMTREC International: 703-527-3887 (call collect)

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

COMPONENT	CAS NUMBER	CONCENTRATION (% by weight)
None classified as hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).		

**3. HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW

Not considered as hazardous.  
Light yellow Liquid No odor

EYE	May cause eye irritation.
SKIN CONTACT	Repeated or prolonged skin contact may result in mild irritation.
INHALATION	Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.
INGESTION	Ingestion may cause irritation of the gastrointestinal tract.

**4. FIRST-AID MEASURES**

EYE	Immediate medical attention is not required. Irrigate with eyewash solution or clean water until pain is relieved. If symptoms develop, obtain medical attention.
SKIN CONTACT	Immediate medical attention is not required. Wash skin with soap and water. If symptoms develop, obtain medical attention.
INHALATION	Immediate medical attention is not required. Remove to fresh air. Get medical attention if irritation persists.
INGESTION	Treat symptomatically and supportively. Get medical attention. DO NOT attempt to give anything by mouth to an unconscious person.

**5. FIREFIGHTING MEASURES**

AUTOIGNITION	Not available
FLASH POINT	Not applicable
EXTINGUISHING MEDIA	Alcohol Foam; CO <sub>2</sub> ; Dry Chemical; Foam; Water Fog
SPECIAL FIREFIGHTING PROCEDURES	Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
FIRE & EXPLOSION HAZARDS	This is a water-based product and presents no particular fire or explosion hazard.
HAZARDOUS COMBUSTION PRODUCTS	Thermal decomposition may release toxic and/or hazardous gases.
LOWER EXPLOSION LIMIT (%)	Not applicable
UPPER EXPLOSION LIMIT (%)	Not applicable

**6. ACCIDENTAL RELEASE MEASURES**

SPILL AND LEAK PROCEDURES	Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Waste disposal should be in accordance with existing Community, National and local regulations.
---------------------------	---

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

**7. HANDLING AND STORAGE**

STORAGE TEMPERATURE	Ambient.
HANDLING/STORAGE	Normal precautions for handling chemicals are applicable.
SENSITIVITY TO STATIC ELECTRICITY	No
SENSITIVITY TO MECHANICAL IMPACT	No

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

VENTILATION REQUIREMENTS	General.
EYE PROTECTION REQUIREMENTS	Safety glasses, goggles or face shield to protect against splashing.
GLOVE REQUIREMENTS	The use of chemically resistant gloves is recommended.
CLOTHING REQUIREMENTS	Wear protective equipment to comply with good occupational hygiene practice.
CHANGE/REMOVAL OF CLOTHING	Remove contaminated clothing and launder before reuse.
WASH REQUIREMENTS	Wash before eating, drinking, or using toilet facilities.
RESPIRATOR REQUIREMENTS	Avoid prolonged or repeated breathing of vapor or mists. If exposure may or does exceed occupational exposure limits, use a NIOSH approved respirator to prevent overexposure.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PURE SUBSTANCE OR MIXTURE	Mixture
PHYSICAL FORM	Liquid
COLOR	Light yellow
ODOR	No
ODOR THRESHOLD	Not available
PH AS IS	6 - 7.5
pH IN (1%) SOLUTION	Not applicable
OXIDIZING PROPERTIES	Not applicable
BOILING POINT	> 230 °C
MELTING/FREEZING POINT	Not applicable
SOLUBILITY IN WATER	Soluble
PARTITION COEFFICIENT (n-octanol/water)	Not applicable
VISCOSITY	None Established
SPECIFIC GRAVITY (WATER=1)	1.13
BULK DENSITY	Not available
EVAPORATION RATE	1 (Water = 1)
VAPOR PRESSURE (mmHg)	None Established
VAPOR DENSITY (air = 1)	None Established
VOLATILES	47 - 53 % Water
VOLATILE ORGANIC COMPOUNDS	Negligible
AUTOIGNITION	Not available
FLASH POINT	Not applicable

**10. STABILITY AND REACTIVITY**

STABILITY	Stable under normal temperature and pressure.
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition may release toxic and/or hazardous gases.

**11. TOXICOLOGICAL INFORMATION**

ROUTE OF ENTRY	Inhalation; Ingestion; Skin Contact; Eye Contact
----------------	--

<b>CARCINOGEN</b>	<u>IARC</u>	<u>NTP</u>	<u>OSHA Substance</u>
	<u>(group)</u>		<u>Specific Regulation</u>
<b>COMPONENT</b>			

There is no evidence that this product poses a carcinogenic risk under normal conditions of handling and use.

**CHRONIC (LONG TERM) EFFECTS OF EXPOSURE**

<b>EFFECTS OF CHRONIC EXPOSURE</b>	Although this product has not been tested for chronic effects it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene practices is recommended.
<b>TARGET ORGANS</b>	Not applicable.

**12. ECOLOGICAL INFORMATION**

---

POTENTIAL TO BIOACCUMULATE	Unknown.
AQUATIC TOXICITY	None Established

**13. DISPOSAL CONSIDERATIONS**

---

WASTE DISPOSAL METHODS	Waste disposal should be in accordance with existing Community, National and local regulations.
EMPTY CONTAINER WARNINGS	Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

**14. TRANSPORTATION INFORMATION**

---

This section provided for general information only.  
 FOR NON-BULK SHIPMENTS.  
 FOR MORE COMPLETE TRANSPORTATION REGULATORY INFORMATION PLEASE REFER TO THE SHIPPING DOCUMENTS ACCOMPANYING THE SHIPMENT OF THIS PRODUCT.

**DOT CLASSIFICATION**

PROPER SHIPPING NAME	NOT APPLICABLE
----------------------	----------------

The information provided herein may not include the impact of additional regulatory requirements (eg, for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/of marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

**15. REGULATORY INFORMATION**

---

**USA**

TSCA

This material is not on the TSCA Inventory. It is excluded under the Food, Drug, and Cosmetic Act.

SARA/TITLE III

CAS NUMBER

CONCENTRATION

(% by weight)

Contains no substances at or above the reporting threshold under Section 313.

**16. OTHER INFORMATION**

---

HMIS® Hazard Ratings

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs by OSHA's 29 CFR 1910.1200, we choose to provide them as a service to our customers using HMIS®. These ratings are to be used only with a fully implemented HMIS® program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS® Implementation Manual.

HMIS® is a registered trademark of the National Paint and Coatings Association (NPCA).

<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
1	0	0

MSDS DATE

25-May-2005

ADDITIONAL INFORMATION: The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.