MATERIAL SAFETY DATA SHEET

Date Prepared: 7/01/2009 **Supersedes Date: 11/05/2007**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: GM 3000
Chemical Name: Water based dispersion of butadiene styrene copolymer

Company Identification: Husqvarna
17400 West 119th Street
Olathe, KS 66061 USA
(913) 928-1000 (For Product Information)
(416) 749 – 1371 (Fax)

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Date: July 1, 2009

2. COMPOSITION / INFORMATION ON INGREDIENTS

CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS

Chemical Name	Percentage	CAS Number
Butadiene Styrene copolymer	<40%%	Non-Hazardous
Water	>60%	7732-18-5

COMPOSITION NOTE: The above mixture is not considered hazardous under EU directive 1999/45/EC. Polymers are not considered to be hazardous and are not required to register.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
WARNING! CONTACT OR PROLONGED CONTACT WITH THIS MATERIAL MAY CAUSE SKIN OR EYE IRRITATION.

ROUTES OF ENTRY: Inhalation, contact with skin and eyes, Ingestion.

ACUTE EFFECTS:

INHALATION: Inhalation of mists may cause a variety of that adverse health effects.

SKIN CONTACT: prolonged contact may cause irritation or redness.

EYE CONTACT: May cause temporary irritation.

INGESTION: Ingestion of this product may cause nausea and other intestinal discomforts.

CHRONIC EFFECTS: No long-term chronic effects have been identified with this product.

POTENTIAL HEALTH EFFECTS / MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin, eye or chronic respiratory condition (such as lung conditions, chronic bronchitis and emphysema).

CARCINOGENIC POTENTIAL: This product and its ingredients are not listed as a carcinogen by NTP, OSHA, ACGIH or IARC.

4. FIRST AID MEASURES

EYES: Immediately flush eyes thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Seek medical attention if irritation develops or persists or if visual changes occur.

SKIN: In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

INGESTION: Do not induce vomiting or give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave victim unattended.

INHALATION: If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

NOTES TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

5. FIRE FIGHTING MEASURES

Flash Point – Non-flammable
Lower Explosive Limit – None
Upper Explosive Limit – None
Auto Ignition Temperature – N/A

Extinguishing Media – As appropriate
Special fire fighting Procedures – None
Hazardous Combustion Products – None
Unusual Fire & Explosion Hazards – None Known

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective equipment to minimize skin and eye exposure. See Personal Protection information in section 8.

CLEAN UP PROCEDURES: Prevent product from entering soil, streamers, rivers of water courses. Do not flush down drains and sewers.

SMALL SPILLS: Spillage to should be absorbed using inert absorbent.

LARGE SPILLS: Spillage should be contained and pumped into a suitable vessel.

NOTE: always dispose of waste materials in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING: Observe good housekeeping practice. Keep workplace well ventilated. Do not eat, drink or smoke when handling product.

STORAGE: Store in a cool area after prolonged storage life. Store between 5º C and 35º C. Protect for frost and direct sunlight. Keep containers closed when not in use. Do not use storage vessels or pipe work made of aluminum copper or their alloy. Bulk tanks should be regularly cleaned and sterilized.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:
SEE SECTION 2 FOR SPECIFIC COMPONENT GUIDELINES AND EXPOSURE LIMITS.

ENGINEERING CONTROLS: Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure techniques may be used to effectively minimize employee exposures.

EYE PROTECTION: When engaged in activities where potential for eye contact exists, wear face or safety glasses.

SKIN PROTECTION: Skin contact should be minimized through use of gloves and suitable long sleeved clothing and other protective clothing.

RESPIRATORY PROTECTION: Avoid actions that cause dust exposure to occur. Use local or general ventilation to control exposures below applicable exposure limits. NIOSH or MSHA approved particulate filter respirators should be used in the context of respiratory protection program meeting the requirements of the OSHA respiratory protection standard [29 CFR 1910.134] to control exposures when ventilation or other controls are inadequate or discomfort or irritation is experienced. Respirator and/or filter cartridge selection should be based on American National Standards Institute (ANSI) Standards Z88.2 Practices for Respiratory Protection.

VENTILATION: Use local exhaust or general dilution ventilation to control exposure within applicable limits.

WORK PRACTICE CONTROLS:
Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:
(1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
(2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance – White Liquid
Odor – Faint aromatic
Physical State – Liquid
Solubility in Water – Insoluble but miscible in all proportions
Vapor Pressure – 23hPa @20ºC
Vapor Density – 0.9 – 1.1
Boiling Point – Not Available
Viscosity: 100 – 1000 mPa.s

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal storage conditions.

CONDITIONS TO AVOID: None known

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

INCOMPATABILITY WITH OTHER MATERIALS: Avoid strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION: Hazardous Decomposition Products may include carbon monoxide, carbon dioxide, oxides of nitrogen, fumes and smoke.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGY INFORMATION: No toxicity data is available for this material. Long term experience of this product type indicates no danger to health when properly handled under industrial conditions.

REPRODUCTIVE EFFECTS: N/A

LETHAL DOSE (LD50): N/A

MUTAGENTICITY: N/A

TERATOGENICITY: N/A

CHRONIC TOXICITY:
The components of this product are not listed by Agencies tracking the Carcinogenic Potential of chemical compounds.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: This product is not classified as dangerous to the environment.

DEGRADATION/ELIMINATION: DOC elimination after 2 days (OECD302B) 98%
The product can be virtually eliminated from water by aboitic processes, e.g. adsorption onto activated sludge.

BIOACCUMULATION: No evidence for bioaccumulation.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Waste product should not be discharged directly into drains or waterways without treatment. Dispose of product and container should be in accordance with local, state and federal regulations. Waste water containing product should be treated in a separation and biological treatment plant.

EPA HAZARDOUS WASTE – No

EU WASTE CODE NUMBER: No waste code available.

14. TRANSPORTATION INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME: NOT REGULATED
No special DOT regulations pertaining to this material. Not classified as dangerous goods.

HAZARD CLASS: Not Applicable

IDENTIFICATION NUMBER: Not Applicable

REQUIRED LABEL TEXT: Not Applicable

HAZARDOUS SUBSTANCES/REPORTABLE QUANTITIES: Not Applicable

15. REGULATORY INFORMATION

FEDERAL REGULATORY STATUS:

STATUS UNDER OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200: This product is considered a "hazardous chemical" under this regulation, and does need to be included in the employer's hazard communication program.

Reportable Quantities Under the Clean Water Act, CERCLA, and EPCRA, 40 CFR 117, 302 and 355:
Not Listed

Hazard Category and Applicability of EPCRA Hazardous Substance Inventory Reporting, 40 CFR 370:
Not listed

Applicability of EPCRA Toxic Chemical Release Inventory (TRI) Reporting. 40 CFR 372:
Not listed

Status Under the Toxic Substances Control Act, 40 CFR 710:
All components of this product are on the TSCA Inventory.

SARA Title III Hazard Classes:

Fire Hazard:	NO
Reactive Hazard:	NO
Release of Pressure:	NO
Acute Health Hazard:	YES
Chronic Health Hazard:	NO

STATE REGULATIONS:
This product does not contain a component that are regulated under California Proposition 65.

CANADIAN REGULATIONS:
Canadian DSL/NDSL Inventory status: All components are on the DSL Inventory.
Canadian WHIMS Classification and Symbols: Not Classified as hazardous

EC Labeling and Classification: This product does not meet the definition of any hazard class as defined by the European Economic Community Guidelines.

16. OTHER INFORMATION

NFPA Ratings: Health: **1** Flammability: **0** Reactivity: **0**
Label Requirements:

WARNING! CONTACT OR PROLONGED CONTACT WITH THIS MATERIAL MAY CAUSE SKIN OR EYE IRRITATION.

Hazardous Material Information System (HMIS):	**Health**	**1**
	Flammability	**0**
	Reactivity	**0**
	Personal Protection	**A**

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
Protective Equipment: Safety glasses, gloves

ADDITIONAL INFORMATION:

DISCLAIMER: This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and considered information in the context of how the product will be handled and used in the Workplace including in conjunction with other products.

END OF MSDS