SAFETY ALERT - #37-2006
HAZARD ALERT – BOTTLED AIR EXPLOSION OCCURS INSIDE TRUCK CAB
RELEASE DATE: JUNE 30, 2006

Function: Other                     Incident Date: June 2, 2006
Location: Onshore                    Location Detail: Other – truck cab
Incident Type: Injury – first and second degree burns
Country and Region: USA, Georgia

Description of Incident:

Statement:

UNRECOGNIZED HAZARDS CAN EXIST ANYWHERE. The explosion of a sprayed "canned air" container in a parked vehicle is a good example of just that!

Here are pictures of a truck. The driver sprayed "canned air" (like you use to clean your keyboard) in his truck to clean the dash and overhead console. A few minutes later he rolled down his window, went to light a cigarette, and a flash explosion occurred inside the cab. Thankfully, the driver was alone in the truck. He had first and second degree burns on his arms and spent four days in a burn center.

Analysis:

This can contains 1,1-difluoroethane. It is an extremely flammable aerosol propellant, as well as an asphyxiant if inhaled in large enough concentrations.
Corrective Actions:

Use caution with compressed chemicals. Read contents very carefully. Most aerosols have flammable propellants-even "canned air."

Contact:
Todd Berget, NCSO
Safety Advisor
Flint Field Services Ltd.
Phone: (780) 826-4873
Email: TBerget@flint-energy.com